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MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES *

JANUARY 1954

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BULLETIN OF THE MONTH

Peanut and Peanut Butter Recipes

Home and Garden Bulletin 36

Peanuts and peanut butter are well worth a place in everyday menus because of their food value. This new folder gives ideas of using them often in family meals.

FARMERS' BULLETINS

The red harvester ant and how to subdue it. O. L. Barnes and N. J. Nerney. Bureau of Entomology and Plant Quarantine. 11 p., illus. (F 1668, rev.) Price 10¢.

* Life history and control measures are given for this insect that causes heavy losses in fields and orchards and inflicts painful stings on man and animals.

Implements and methods of tillage to control soil blowing on the northern Great Plains. Soil Management, Agricultural Research Service and Soil Conservation Service. 21 p., illus. (F 1797, rev.) Price 15¢.

The selection and proper use of tillage implements which are extremely important in the control of soil blowing are outlined in this revised bulletin.

LEAFLETS

Furrow irrigation. George A. Lawrence. Soil Conservation Service. [8] p., illus. (L 344.) Price 5¢.

The use of furrows for irrigation is outlined in this new leaflet.

Growing eggplant. Victor R. Boswell. Bureau of Plant Industry, Soils, and Agricultural Engineering. 4 p. Supersedes L 131. (L 351.) Price 5¢.

Cultivation practices for this subtropical vegetable are outlined in this new leaflet.

Commercial growing of carrots. Victor R. Boswell. Vegetable Crops and Diseases, Agricultural Research Service. 8 p. Supersedes L 125. (L 353.) Price 5¢.

This new leaflet deals with the production and storage of roots for fresh market.

AGRICULTURAL HANDBOOKS

Cheese varieties and descriptions. George P. Sanders. Bureau of Dairy Industry. 151 p. Supersedes D 608. (AH 54.) Price 45¢. **FOR SALE ONLY.**¹

This handbook was prepared to answer the questions of the many people who ask the Bureau of Dairy Industry for general information on the characteristics of different cheeses and the methods of production. It is not intended as a guide for making cheese, or as documentary evidence to use in a court of law; rather, it is an effort to describe each cheese so that consumers may be better able to recognize the various kinds by name.

Consumption of food in the United States, 1909-52. Bureau of Agricultural Economics. 249 p., illus. (AH 62.) Price 70¢. **FOR SALE ONLY.**¹

This publication revises and brings to date the detailed information on per capita consumption of all major food commodities in continental United States.

* Compiled by Eleanor W. Clay, Office of Information.

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

AGRICULTURE INFORMATION BULLETINS

Pork . . . facts for consumer education. Irene H. Wolgamot and Lillian J. Fincher. Human Nutrition and Home Economics. 22 p., illus. (AB 109.) Price 15¢.

This bulletin provides source material for workers in extension, consumer education, and marketing services, and teachers, dietitians, nutritionists, food editors, and others who give consumers information on food.

Some highlights from consumer egg studies. A. William Jasper. Production and Marketing Administration. 25 p., illus. (AB 110.) Price 10¢.

The objective of this report is to bring together the more significant results of many consumer studies on consumer buying practices. Such information should be of value not only to egg producers and distributors, but also to consumers.

CIRCULARS

Relation of bruising and other factors to blue mold decay of Delicious apples. T. R. Wright and Edwin Smith. Handling, Transportation, and Storage of Horticultural Crops, Agricultural Research Service. 15 p., illus. (C 935.) Price 10¢.

An association between bruising and susceptibility to decay has long been observed, but there has been little experimental data on the relation between them. This present study illustrates the susceptibility of bruised tissue to blue mold decay.

HOME AND GARDEN BULLETINS

Peanut and peanut butter recipes. Human Nutrition and Home Economics Research. 20 p. Supersedes IS 68. (G 36.) Price 10¢. See page 1.

MISCELLANEOUS PUBLICATIONS

Index to insects by host plants. J. V. Schaffner, Jr. Bureau of Entomology and Plant Quarantine. 29 p. (Suppl. to M 657.) Price 15¢.

This index by host plants has been prepared to enable foresters and others not trained in entomology to identify an insect that is causing damage to a particular kind of tree or shrub. It supplements the volume issued in 1949 on Insect Enemies of Eastern Forests.

SERVICE AND REGULATORY ANNOUNCEMENTS

Service and regulatory announcements. Animal Disease Control Branch and Meat Inspection Branch, Agricultural Research Service. Pp. 121-131. (SRA-BAI 559.) Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

TECHNICAL BULLETINS

Economics of preparing wool for market and manufacture. D. W. Carr and L. D. Howell. Bureau of Agricultural Economics. 88 p., illus. (T 1078.) Price 30¢. **FOR SALE ONLY.**¹

The central purpose of this study is to explore possibilities of strengthening the competitive position of domestic wool through improvements in preparation and marketing.

Nutrient element balance: Response of tung trees grown in sand culture to potassium, magnesium, calcium, and their interactions. C. B. Shear, H. L. Crane, and A. T. Myers. Bureau of Plant Industry, Soils, and Agricultural Engineering. 52 p., illus. (T 1085.) Price 25¢. **FOR SALE ONLY.**¹

This bulletin presents the results of a sand-culture experiment carried out during the growing season of 1945.

OTHER PUBLICATIONS

Alaska-cedar. H. S. Betts. Forest Service. 3 p., illus. Price 5¢. **FOR SALE ONLY.**¹

Cooperative business training for farm youth. Oscar R. LeBeau and John H. Heckman. Farmer Cooperative Service. 53 p., illus. Formerly FCA Cir. E-37. (FCS-Cir. 1.) Price 25¢.

Cotton quality statistics, United States, 1952-53. Agricultural Marketing Service. 64 p., illus. (SB 137.) Price 40¢. **FOR SALE ONLY.**¹

Dairy statistics and related series. Bureau of Agricultural Economics. 85 p., (SB 134.) Price 50¢. **FOR SALE ONLY.**¹

Index-catalogue of medical and veterinary zoology. Supplement 1. Authors: A to B. Mildred A. Doss and Judith M. Humphrey. Bureau of Animal Industry. 317 p. Price \$1.00. **FOR SALE ONLY.**¹

Production of manufactured dairy products, 1952. Agricultural Marketing Service. 36 p. (SB 136.) Price 25¢. **FOR SALE ONLY.**¹

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

- Report of the Administrator of the Commodity Exchange Authority, 1953.** J. M. Mehl. 28 p. Price 15¢. FOR SALE ONLY.¹
- Report of the Administrator of the Production and Marketing Administration, 1953.** Howard H. Gordon. 112 p. Price 30¢.
- Report of the Administrator of the Rural Electrification Administration, 1953.** Ancher Nelsen. 38 p., illus. Price 15¢. FOR SALE ONLY.¹
- Report of the Chief of the Bureau of Animal Industry, 1953.** B. T. Simms. 123 p. Price 35¢.
- Report of the Chief of the Bureau of Dairy Industry, 1953.** O. E. Reed. 26 p. Price 15¢. FOR SALE ONLY.¹
- Report of the Chief of the Bureau of Plant Industry, Soils, and Agricultural Engineering, 1953.** Albert H. Moseman. 129 p. Price 35¢. FOR SALE ONLY.¹
- Report of the Chief of the Forest Service, 1953.** Richard E. McArdle. 55 p. Price 20¢. FOR SALE ONLY.¹
- Report of the Chief of the Soil Conservation Service, 1953.** Robt. M. Salter. 67 p. Price 25¢. FOR SALE ONLY.¹
- Report of the Director of Finance, 1953.** Joseph C. Wheeler. 53 p., illus. Price 20¢. FOR SALE ONLY.¹
- Report of the Manager of the Federal Crop Insurance Corporation, 1953.** Charles S. Laidlaw. 24 p., illus. Price 15¢. FOR SALE ONLY.¹
- Report of the President of the Commodity Credit Corporation, 1953.** Howard H. Gordon. 16 p.
- Some diseases of Puerto Rican forage crops.** Thomas Theis. Office of Experiment Stations. 31 p., illus. (PRB 51.) Price 20¢. FOR SALE ONLY.¹

PERIODICALS

- Agricultural economics research.** Vol. VI, No. 1, January 1954. Price 20¢ a copy, 75¢ a year, domestic; \$1.00 a year, foreign.¹
- Agricultural research.** Vol. 2, No. 7, January 1954. Price 15¢ a copy, \$1.00 a year, domestic; \$1.35 a year, foreign.¹
- The agricultural situation.** Vol. 38, No. 1, January 1954. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹
- Agricultural decisions.** Vol. 12, No. 10, October 1953. Price of single copy varies depending on size. \$4.00 a year, domestic; \$5.00 a year, foreign.¹

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- ☐ F 1797 ☐ L 351 ☐ AB 110
- ☐ L 353

Others.....

² FREE PUBLICATION OFFER IS LIMITED TO CORRESPONDENTS WITHIN THE UNITED STATES AND ON INTERNATIONAL EXCHANGE. FOREIGN CORRESPONDENTS SEE PURCHASE INSTRUCTIONS ON PAGE 1.

Bibliography of agriculture. Vol. 17, No. 12, December 1953; Vol. 18, No. 1, January 1954. Single copies vary in price, \$8.00 a year, domestic; \$9.50 a year, foreign.¹

Extension service review. Vol. 25, No. 1, January 1954. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

Fire control notes. Vol. 15, No. 1, January 1954. Price 20¢ a copy, 75¢ a year, domestic; \$1.00 a year, foreign.¹

Foreign agriculture. Vol. XVIII, No. 1, January 1954. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹

Marketing activities. Vol. 16, No. 12, December 1953. Price 15¢ a copy, \$1.75 a year, domestic; \$2.25 a year, foreign.¹

News for farmer cooperatives. Vol. 20, No. 11, February 1954. Price 10¢ a copy, \$1.25 a year, domestic; \$1.75 a year, foreign.¹

Soil conservation. Vol. XIX, No. 6, January 1954. Price 15¢ a copy, \$1.25 a year, domestic; \$1.75 a year, foreign.¹

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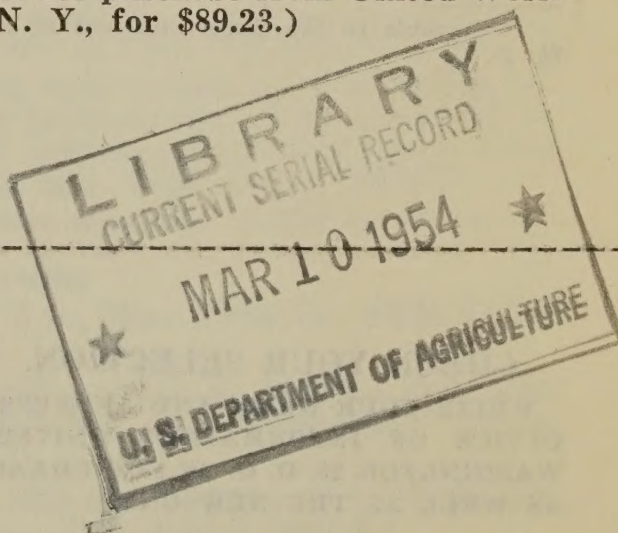
MOTION PICTURES

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CORN. 16 mm., sound, color; also black and white. Running time, 16 minutes. Released 1953.

Portrays measures to be taken, as a result of intensive research, to achieve more efficient production of this crop. By increasing the yield per acre, additional land can be turned into grassland or used for other crops. Emphasizes use of hybrid corn, sound land preparation techniques, better planting and picking practices, and modern storage methods. The menace of insects and rodents to corn both on the stalk and in storage is also depicted. TV use permitted. (Available for loan from film libraries in the Corn Belt and other states where corn is a major crop. Available for purchase from United World Films, 1445 Park Avenue, New York 29, N. Y., for \$89.23.)

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BULLETIN OF THE MONTH

**Livestock for Small Farms
Farmers' Bulletin 1753**

This revised publication is intended for families on small farms that are expected to furnish only a part of the family income or living.

FARMERS' BULLETINS

Growing alfalfa. H. O. Graumann and C. H. Hanson. Agricultural Research Service. 38 p., illus. (F 1722, rev.) Price 20¢.

This revised bulletin gives new varieties and up-to-date methods of producing this valuable forage crop.

Livestock for small farms. Ralph Erskine. Agricultural Research Service. 28 p., illus. (F 1753, rev.) Price 15¢. *See above.*

LEAFLETS

The sweetpotato weevil and how to control it. Agricultural Research Service. 7 p., illus. (L 121, rev.) Price 5¢.

Life history and control measures are given in this revision.

AGRICULTURE HANDBOOKS

Analytical tools for measuring demand. Richard J. Foote and Karl A. Fox. Agricultural Marketing Service. 86 p., illus. (AH 64.) Price 50¢. **FOR SALE ONLY.**¹

This handbook discusses certain methods to be used in analyzing the factors that affect prices and consumption of individual commodities.

AGRICULTURE INFORMATION BULLETINS

The Forest Products Laboratory: A brief account of its work and aims. Forest Service. 33 p., illus. Supersedes Miscellaneous Publication No. 306. (AB 105.) Price 15¢. **FOR SALE ONLY.**¹

This bulletin outlines the history of this research organization and describes the work that is directed toward the better and more efficient and diversified utilization of forest materials.

Farm forestry extension: What it is and how it works. W. K. Williams. Extension Service and Forest Service. 14 p., illus. (AB 107.) No sales stock.

This is the story of how the extension forester assists farm woodland owners.

Waters of Coweeta. Forest Service. [24] p., illus. (AB 117.) Price 20¢.

This publication is designed to highlight the results of 20 years of streamflow studies at the Coweeta Hydrologic Laboratory in North Carolina.

Farm mutual reinsurance. Ralph R. Botts. Agricultural Research Service. 56 p. (AB 119.) Price 35¢. **FOR SALE ONLY.**¹

Much of this report is devoted to a description of reinsurance programs sponsored by State associations of mutual insurance companies in 13 States. It is hoped that the information will be helpful to farm mutuals and their State associations in organizing reinsurance programs in other States.

* Compiled by Eleanor W. Clay, Office of Information.

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Employment redistribution of Korean veterans. Joe R. Motheral and Gladys K. Bowles. Agricultural Marketing Service. [25] p. (AB 120.) No sales stock.

This report deals with the occupational distribution of men who have been discharged from the Armed Forces since the outbreak of hostilities in Korea.

Fighting our insect enemies: Achievements of professional entomology, 1854-1954. Agricultural Research Service. 23 p., illus. (AB 121.) Price 15¢.

A century of research on curbing the destructive attack of insects on man's health, food, and shelter, and the application of this research for the benefit of agriculture and the general public is summarized.

AGRICULTURE MONOGRAPHS

A synopsis of the genus *ARACHIS*. F. J. Hermann. Agricultural Research Service. 26 p., illus. (AM 19.) Price 15¢.

This monograph presents a complete and usable key for botanists concerned with the taxonomy of peanuts.

The Glenn Dale azaleas. B. Y. Morrison. Bureau of Plant Industry, Soils, and Agricultural Engineering. 85 p., illus. (AM 20.) Price 40¢. **FOR SALE ONLY.**¹

This monograph outlines the results of a breeding program started many years ago to create a race of new winter-hardy azaleas.

A botanical synopsis of the cultivated clovers (*Trifolium*). F. J. Hermann. Bureau of Plant Industry, Soils, and Agricultural Engineering. 45 p., illus. (AM 22.) Price 25¢.

This is a botanical key with detailed descriptions of tested new clovers introduced into the U. S.

CIRCULARS

Effect of grazing intensity upon vegetation and cattle gains on ponderosa pine-bunch-grass ranges of the front range of Colorado. W. M. Johnson. Forest Service. 36 p., illus. (C 929.) Price 15¢.

The findings of a study are given to improve methods of range management by determining the relation of grazing to herbage production and utilization and the amount and value of cattle gain on ponderosa pine and bunchgrass ranges.

Diseases of soybeans and methods of control. Howard W. Johnson, Donald W. Chamberlain and S. G. Lehman. Agricultural Research Service. 40 p., illus. (C 931.) Price 25¢.

This material is published to aid soybean growers, county agents, extension workers, and agricultural research workers in identifying the diseases and to suggest such control measures as are now available.

Chipping quality of eight potato varieties as affected by source and by storage treatment. R. C. Wright and T. M. Whiteman. Agricultural Marketing Service. 12 p. (C 936.) Price 10¢.

This circular reports a 3-year study undertaken to determine the comparative suitability for chipping, after different storage treatments, of potatoes of eight commercial varieties grown in several widely separated areas.

HOME AND GARDEN BULLETINS

Buying women's coats and suits. Clarice L. Scott. Agricultural Research Service. [24] p., illus. (G 31.) Price 15¢.

Facts are presented that may help you plan and judge whether a suit or coat has the qualities that meet your needs and whether it has values right for the price.

Buying your home sewing machine. Federal Extension Service. [14] p., illus. (G 38.) Price 10¢.

This publication is intended as an aid for home demonstration and 4-H Club agents in answering questions on how to buy sewing machines.

MARKETING RESEARCH REPORTS

(Titles of these reports are self-explanatory)

Methods and costs of loading apples in the orchard in the Pacific Northwest. Earl W. Carlsen, D. Loyd Hunter, Raoul S. Duerden, and G. F. Sainsbury. Division of Farm Buildings, Agricultural Research Service. 25 p., illus. (MRR 55.) Price 20¢.

The causticaire method for measuring cotton-fiber maturity and fineness: Improvement and evaluation. Robert W. Webb and Samuel T. Burley, Jr. Agricultural Marketing Service. 62 p., illus. (MRR 57.) Price 35¢. **FOR SALE ONLY.**¹

Purchases of frozen and canned foods by urban families as related to home refrigeration facilities. H. W. Bitting. Agricultural Marketing Service. 14 p., illus. (MRR 60.) Price 10¢. **FOR SALE ONLY.**¹

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SERVICE AND REGULATORY ANNOUNCEMENTS

Service and regulatory announcements. Livestock Regulatory Branch. December 1953. Pp. 134-142. (SRA-LRB 560.) Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

SOIL SURVEYS

Haywood County, North Carolina. E. F. Goldston, W. A. Davis, C. W. Croom and W. J. Moran. U. S. Department of Agriculture in cooperation with the North Carolina Agricultural Experiment Station and the Tennessee Valley Authority. Series 1940, No. 11. 112 p., illus. Price \$1.25.

TECHNICAL BULLETINS

Fabrication and design of glued laminated wood structural members. A. D. Freas and M. L. Selbo. Forest Service. 220 p., illus. (T 1069.) Price 60¢. **FOR SALE ONLY.**¹

Results of research relative to strength and design of this type of construction are given.

Partial cuttings in northern hardwoods of the Lake States: Twenty-year Experimental results. F. H. Eyre and W. M. Zillgitt. Forest Service. 124 p., illus. (T 1076.) Price 40¢. **FOR SALE ONLY.**¹

This bulletin presents a comprehensive report on cutting experiments in the Lake States. Timberland owners, timber operators and others should be interested in these experimental results.

Pythium root rot of barley and wheat. G. W. Bruehl. Agricultural Research Service. 24 p., illus. (T 1084.) Price 15¢. **FOR SALE ONLY.**¹

Results of an investigation on this disease which is a hazard to profitable production of cereal crops in the hard-red spring wheat area are given.

OTHER PUBLICATIONS

Eastern hemlock. Forest Service. 6 p., illus. Price 5¢. **FOR SALE ONLY.**¹

Osage-orange. Forest Service. 4 p., illus. Price 5¢. **FOR SALE ONLY.**¹

Red pine. Forest service. 4 p., illus. Price 5¢. **FOR SALE ONLY.**¹

Report of Cooperative Extension Work in Agriculture and Home Economics, 1953. C. M. Ferguson. 53 p., illus. Price 20¢. **FOR SALE ONLY.**¹

Report of the Chief of the Bureau of Agricultural and Industrial Chemistry, 1953. G. E. Hilbert. 75 p. Price 25¢. **FOR SALE ONLY.**¹

Report of the Chief of the Bureau of Entomology and Plant Quarantine, 1953. Avery S. Hoyt. 86 p. Price 25¢. **FOR SALE ONLY.**¹

Report of the Chief of the Bureau of Human Nutrition and Home Economics, 1953. Hazel K. Stiebeling. 14 p. Price 10¢. **FOR SALE ONLY.**¹

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PERIODICALS

- Agricultural research.** Vol. 2, No. 8, February 1954. Price 15¢ a copy, \$1.00 a year, domestic; \$1.35 a year, foreign.¹
- The agricultural situation.** Vol. 38, No. 2, February 1954. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹
- Agriculture decisions.** Vol. 12, No. 11, November 1953. Price of single copy varies depending on size. \$4.00 a year, domestic; \$5.00 a year, foreign.¹
- Bibliography of agriculture.** Vol. 18, No. 2, February 1954. Single copies vary in price, \$8.00 a year, domestic; \$9.50 a year, foreign.¹
- Foreign agriculture.** Vol. XVIII, No. 2, February 1954. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹
- Marketing activities.** Vol. 17, No. 1, January 1954. Price 15¢ a copy, \$1.75 a year, domestic; \$2.25 a year, foreign.¹
- Soil conservation.** Vol. XIX, No. 7, February 1954. Price 15¢ a copy, \$1.25 a year, domestic; \$1.75 a year, foreign.¹

MOTION PICTURES

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The European Corn Borer. 16 mm., sound, in color. Running time, 10 minutes. Released 1948.

The European corn borer first made its appearance in the United States in 1917. This insect pest has multiplied in great numbers since then and is now a threat to corn crops in 1557 counties in 38 states. One state (Wyoming) and 48 additional counties were added to the growing list of infested areas last year. This film discusses measures for controlling corn borer damage, tells the farmer how to recognize and where to find the insect eggs, and the best times to use insecticides. Various insecticides are reviewed and different types of spraying equipment are shown. In interesting detail, with the aid of the close-up camera, is the life-cycle of the borer—from egg to borer, to moth, and back again to egg. (Available for loan from Extension Service and State College film libraries in infested states and for purchase from United World Films, Inc., 1445 Park Ave., New York 29, N. Y., for \$58.37.)

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BULLETIN OF THE MONTH

Grass . . The Rancher's Crop Leaflet 346

Of all the families of plants, grass is the one most essential to man's existence. This leaflet presents the economic importance of the world's biggest crop.

FARMERS' BULLETINS

Shipping fever of cattle—Hemorrhagic septicemia. C. D. Stein. Agricultural Research Service. 8 p., illus. (F 1018, rev.) Price 5¢.

Cause, symptoms, control and prevention of stockyard fever are given in this revision.

Irrigating corn. C. J. Francis and J. W. Turelle. Soil Conservation Service. 14 p., illus. (F 2059). Price 10¢.

This bulletin points out the possibilities of irrigating corn, the methods and the problems that irrigation may create.

Sugar beet culture in the North Central States. J. G. Lill. Agricultural Research Service. 42 p., illus. Supersedes F 1637. (F 2060.) Price 25¢.

Soil requirements, control of diseases and insects, and general cultural recommendations are given.

How to grow longleaf pine. H. H. Muntz. Forest Service. 25 p., illus. Supersedes F 1486. (F 2061.) Price 15¢.

This new bulletin offers suggestions to farmers and other timberland owners for establishing and managing longleaf pine.

LEAFLETS

Grass . . the rancher's crop. J. S. McCorkle. Soil Conservation Service. 8 p., illus. (L 346.) Price 10¢. See above.

The imported fire ant: How to control it. Agricultural Research Service. 8 p., illus. (L 350.) Price 5¢.

The imported fire ant is an annoying and destructive pest in most Southeastern States. Control measures are given.

AGRICULTURE HANDBOOKS

Diagnosis and improvement of saline and alkali soils. Agricultural Research Service. 160 p., illus. (AH 60.) Price \$2.00. **FOR SALE ONLY.**¹

It is the purpose of this handbook to bring together and summarize information that will be useful, particularly to professional agricultural workers, for the diagnosis and improvement of saline and alkali soils.

Workers in subjects pertaining to agriculture in Land-Grant Colleges and Experiment stations, 1953-54. Dorothy N. Gilkison. Office of Experiment Stations. 208 p. (AH 63.) Price 60¢. **FOR SALE ONLY.**¹

This is the annual directory of officials, their titles and addresses in the State Agricultural Experiment Stations and Land-Grant Colleges.

* Compiled by Eleanor W. Clay, Office of Information.

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AGRICULTURE INFORMATION BULLETINS

Prices of wool at Boston with a comparison of prices of domestic and imported wools. Albert M. Hermie. Agricultural Marketing Service. 41 p., illus. (AB 118.) Price 20¢. **FOR SALE ONLY.**¹

This publication is designed to help growers, dealers, manufacturers, Government officials, and others directly or indirectly interested in wool toward an understanding of the relationship of prices on various domestic and imported wools.

AGRICULTURE MONOGRAPHS

Abaca: A cordage fiber. Brittain B. Robinson and Falba L. Johnson. Plant Industry, Soils, and Agricultural Engineering. 130 p., illus. (AM 21.) Price 65¢. **FOR SALE ONLY.**¹

This monograph discusses the physical and chemical characteristics of abaca as compared with other cordage fibers or their products, as well as the economic and agricultural problems connected with abaca production.

SERVICE AND REGULATORY ANNOUNCEMENTS

Service and regulatory announcements. Livestock Regulatory Branches. January 1954, Pp. 1-12. (SRA-LRB 561.); February 1954, Pp. 13-24. (SRA-LRB 562.) Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

TECHNICAL BULLETINS

A crossbreeding experiment with dairy cattle. M. H. Fohrman, R. E. McDowell, C. A. Matthews and R. A. Hilder. Agricultural Research Service. 127 p., illus. (T 1074.) Price 45¢. **FOR SALE ONLY.**¹

Results of crossbreeding investigations are presented to develop knowledge on the subject which would provide a sound basis for advising the operators of milk-producing farms on what results to expect if they should decide to use crossbreeding as a means of producing better replacements for their milking herds.

Experiments in harvesting and preserving alfalfa for dairy cattle feed. Agricultural Research Service and Agricultural Marketing Service. 147 p., illus. (T 1079.) Price 45¢. **FOR SALE ONLY.**¹

Results of experiments on the relative merits of different methods of harvesting hay crops are presented.

OTHER PUBLICATIONS

Annual report on tobacco statistics, 1953. Agricultural Marketing Service. 71 p., illus., (SB 138.) Price 40¢. **FOR SALE ONLY.**¹

Report of the Secretary of Agriculture, 1953. Ezra Taft Benson. 58 p., illus. Price 25¢. **FOR SALE ONLY.**¹

Agricultural statistics, 1953. Agriculture Marketing Service. 777 p. Price \$2.25 (Paper cover.) **FOR SALE ONLY.**¹

PERIODICALS

Agricultural finance review. Vol. 16, November 1953. Issued annually. No subscription. Price 60¢. **FOR SALE ONLY.**¹

Agricultural research. Vol. 2, No. 9, March 1954. Price 15¢ a copy, \$1.00 a year, domestic; \$1.35 a year, foreign.¹

Agriculture decisions. Vol. 13, No. 1, January 1954. Price of single copy varies depending on size. \$4.00 a year, domestic; \$5.00 a year, foreign.¹

Bibliography of agriculture. Vol. 18, No. 2, February 1954. Single copies vary in price. \$8.00 a year, domestic; \$9.50 a year, foreign.¹

Extension service review. Vol. 25, No. 2, February 1954; Vol. 25, No. 3, March 1954. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

Foreign agriculture. Vol. XVIII, No. 3, March 1954. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹

Marketing activities. Vol. 17, No. 2, February-March 1954. Price 15¢ a copy, \$1.75 a year, domestic; \$2.25 a year, foreign.¹

News for farmer cooperatives. Vol. 20, No. 12, March 1954. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Soil conservation. Vol. XIX, No. 8, March 1954. Price 15¢ a copy, \$1.25 a year, domestic; \$1.75 a year, foreign.¹

MOTION PICTURES

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16-mm. and 35-mm. widths. Films in the 16-mm. size are available from State film libraries; 35-mm. films are available only from Motion Picture Service. They are lent for educational purposes to groups and organizations or may be purchased outright. Prints of Department films may be obtained from 73 cooperating film libraries in the 48 States, and the Territories of Alaska, Hawaii, and Puerto Rico.

WOODLAND MANNERS. 16 mm., sound, in color; also black and white. Running time, 19 minutes. Released 1952.

Millions of people visit the National forests each year—for recreation, sport, rest, and relaxation. The recreation areas of these forests are of inestimable value, but they must be kept sanitary, attractive, and serviceable. This picture shows that it is up to every person who visits the National Forests to observe the necessary sanitary measures, to be careful with fire, to use just plain good American manners, and to leave his picnic spot in as good or better condition than he found it. Only by so doing can we continue to enjoy the swimming, hiking, camping, fishing, hunting, picnicking, and the unsurpassed beauty to be found on our National Forests. (Not in film libraries, available for loan from regional offices of the Forest Service at Denver, Colo.; Missoula, Mont.; Albuquerque, N. Mex.; Ogden, Utah; Portland, Ore.; San Francisco, Calif.; Milwaukee, Wis.; Atlanta, Ga.; and Philadelphia, Pa. Also for preview and purchase from United World Films, Inc., 1445 Park Ave., New York 29, N. Y., for \$102.55. TV use permitted.)

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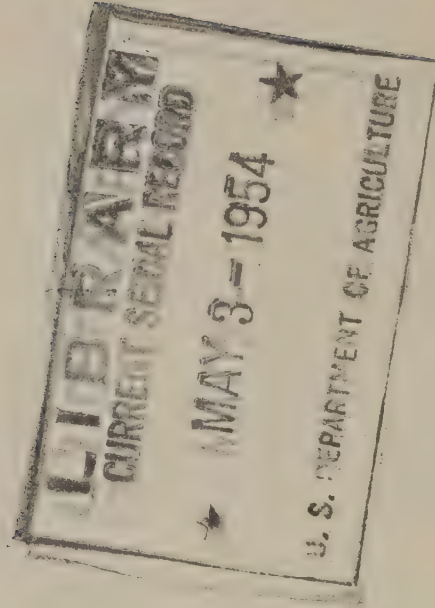
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BULLETIN OF THE MONTH

**Farm Fences
Farmers' Bulletin 1832**

This bulletin has been revised to keep pace with developments in the methods and materials used in this country to construct farm fences.

FARMERS' BULLETINS

Home tanning of leather and small fur skins. J. S. Rogers and I. D. Clarke. Agricultural Research Service. 25 p., illus. (F 1334, rev.) Price 15¢.

Small fur skins or skins of low market value can be tanned for home or country use according to the directions given in this revised bulletin.

Farm fences. Edward G. Molander. Agricultural Research Service. 46 p., illus. (F 1832, rev.) Price 20¢. See above.

Wireworms and their control on irrigated lands. M. C. Lane and M. W. Stone. Agricultural Research Service. 19 p., illus. (F 1866, rev.) Price 15¢.

The control of wireworms by new chemical methods is given in this revision.

Mint farming. Agricultural Research Service. 24 p., illus. (F 1988, rev.) Price 15¢.

Mint farming from cultivation to the distillation of the oil is covered in this revised bulletin.

LEAFLETS

Mealworms. Agricultural Marketing Service. Folder, illus. (L 195, rev.) Price 5¢.

Control measures for this insect in stored grain are given in this revision. Information on rearing mealworms for fish bait or food for birds is also included.

Rhubarb production—outdoors and in. Victor R. Boswell, Agricultural Research Service. 6 p. Supersedes Leaflets 126 and 137. (L 354.) Price 5¢.

With recent phenomenal growth of the quick-frozen food industry, there has been a sharp increase in commercial interest in rhubarb. This leaflet outlines outdoor and indoor production.

Hyperkeratosis (X-disease) of cattle. Agricultural Research Service. 6 p., illus. (L 355.) Price 5¢.

Hyperkeratosis, or X-disease, is a disorder of cattle that is often fatal—particularly to calves. Prevention suggestions for the farmer are given here.

Expansible farmhouse: Frame. Agricultural Research Service. 2 p., illus. (L 356.) Price 5¢.

A floor plan of a frame house is given.

Expansible farmhouse: Masonry. Agricultural Research Service. 2 p., illus. (L 357.) Price 5¢

A floor plan of a masonry house is given.

*Compiled by Eleanor W. Clay, Office of Information.

Kieffer pears for home use. C. W. Culpepper, J. M. Lutz and H. H. Moon. Agricultural Marketing Service and Agricultural Research Service. Folder. (L 359.) Price 5¢.

Harvesting and ripening methods and suggestions for home consumption are given.

Growing table beets. Victor R. Boswell. Agricultural Research Service. 4 p., illus. Supersedes Leaflet 127. (L 360.) Price 5¢.

Soil requirements and harvesting methods are given.

AGRICULTURE HANDBOOKS

4-H club insect manual. M. P. Jones. Extension Service. 64 p., illus. (Formerly Miscellaneous Publication 318.) (AH 65.) Price 30¢. **FOR SALE ONLY.**¹

This insect manual was prepared primarily for the use of 4-H club members, but it also may be useful to other groups of young people. Its purpose is to give a better understanding of insects and the principles underlying insect control.

AGRICULTURE INFORMATION BULLETINS

Nutritive content of homemakers' meals, four cities, winter 1948. Faith Clark and Lillian J. Fincher. Agricultural Research Service. 67 p. (AB 112.) Price 25¢. **FOR SALE ONLY.**¹

This bulletin presents the results of a study of the nutritive content of the diets of approximately 1,000 homemakers based on reports of their meals for a 24-hour period.

CIRCULARS

Studies on sanitizing methods for use in poultry processing. Edwin E. Drewniak, Milton A. Howe, Jr., Harry E. Goresline, and Edward R. Baush. Agricultural Marketing Service. 30 p., illus. (C 930.) Price 15¢. **FOR SALE ONLY.**¹

Results of research on various sanitary methods of processing poultry to assure a high quality product are given.

Ecology of the Sierra Nevada gooseberry in relation to blister rust control. Clarence R. Quick. Forest Service. 30 p., illus. (C 937.) Price 15¢. **FOR SALE ONLY.**¹

Recommendations on management of sugar pine stands to control blister rust by suppression of gooseberry seedlings are given.

Varieties of hard red winter wheat in the United States. L. P. Reitz and C. O. Johnston. Agricultural Research Service. 24 p., illus. (C 938.) Price 15¢. **FOR SALE ONLY.**¹

History and characteristics of some of the most winter-hardy and drought-and-heat resistant wheat varieties grown commercially in the U. S. are given.

Estimation of available phosphorus in soils by extraction with sodium bicarbonate. Sterling R. Olsen, C. V. Cole, Frank S. Watanabe, and L. A. Dean. Agricultural Research Service. 19 p., illus. (C 939.) Price 15¢. **FOR SALE ONLY.**¹

A new method for extracting soil phosphorus with sodium bicarbonate solutions is described in this circular.

HOME AND GARDEN BULLETINS

Mending men's suits. Clarice L. Scott and Anne F. Hagood. Agricultural Research Service. [24] p., illus. (Formerly Miscellaneous Publication 482.) (G 39.) Price 15¢.

Some of the simpler repairs and alterations in a man's suit or overcoat, adapted to home use, are pictured and described in this publication.

MARKETING RESEARCH REPORTS

(Titles of these reports are self-explanatory)

Comparative economies of different types of cottonseed oil mills and their effects on oil supplies, prices, and returns to growers. John M. Brewster. Agricultural Marketing Service. 239 p., illus. (MRR 54.) Price \$1.50. **FOR SALE ONLY.**¹

Technological progress in the meatpacking industry; 1919-47. U. S. Department of Agriculture. 38 p., illus. (MRR 59.) Price 20¢. **FOR SALE ONLY.**¹

¹Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

SOIL SURVEYS

Aluchua County, Florida. Arthur E. Taylor, Ralph G. Leighty, M. B. Marco, and Clarence Lounsbury. Soil Conservation Service in cooperation with the Florida Agricultural Experiment Station. Series 1940, No. 10. 66 p., illus. Price \$1.00. **FOR SALE ONLY.**¹

Tuscarawas County, Ohio. Robert Wildermuth, Arthur E. Taylor and Matthew Drosdoff. Soil Conservation Service in cooperation with the Ohio Agricultural Experiment Station. Series 1938, No. 32. 104 p., illus. Price \$2.75. **FOR SALE ONLY.**¹

OTHER PUBLICATIONS

Commodity futures statistics, July 1952-June 1953. Commodity Exchange Authority. 62 p. (SB 141.) Price 35¢. **FOR SALE ONLY.**¹

Feed statistics including wheat—rye—rice. Agricultural Marketing Service. 57 p. (SB 139.) Price 40¢. **FOR SALE ONLY.**¹

Forest Service films available on loan for educational purposes to schools, civic groups, churches, television, 1954. Forest Service. 17 p. Price 10¢.

Potato prices, monthly and season average prices received by farmers, by states and United States, 1909-52. Revised estimates. Agricultural Marketing Service. 54 p. (SB 140.) Price 35¢. **FOR SALE ONLY.**¹

Survey of food and nutrition research in the United States of America, 1952-1953. U. S. Department of Agriculture. 372 p. Price \$1.75. **FOR SALE ONLY.**¹

PERIODICALS

Agricultural economics research. Vol. VI, No. 2, April 1954. Price 20¢ a copy, 75¢ a year, domestic; \$1.00 a year, foreign.¹

Agricultural research. Vol. 2, No. 10, April 1954. Price 15¢ a copy, \$1.00 a year, domestic; \$1.35 a year, foreign.¹

The agricultural situation, Vol. 38, No. 4, April 1954. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Agriculture decisions. Vol. 12, No. 12, December 1953. Price of single copy varies depending on size. \$4.00 a year, domestic; \$5.00 a year foreign.¹

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Bibliography of agriculture. Vol. 18, No. 4, April 1954. Single copies vary in price. \$8.00 a year, domestic; \$9.50 a year, foreign.¹

Fire control notes. Vol. 15, No. 2, April 1954. Price 20¢ a copy, 75¢ a year, domestic; \$1.00 a year, foreign.¹

Foreign agriculture. Vol. XVIII, No. 4, April 1954. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹

News for farmer cooperatives. Vol. 21, No. 1, April 1954. Price 10¢ a copy, \$1.25 a year, domestic; \$1.75 a year, foreign.¹

Soil conservation. Vol. XIX, No. 9, April 1954. Price 15¢ a copy, \$1.25 a year, domestic; \$1.75 a year, foreign.¹

MOTION PICTURES

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16-mm. and 35-mm. widths. Films in the 16-mm. size are available from State film libraries; 35-mm. films are available only from Motion Picture Service. They are lent for educational purposes to groups and organizations or may be purchased outright. Prints of Department films may be obtained from 73 cooperating film libraries in the 48 States, and the Territories of Alaska, Hawaii, and Puerto Rico.

LONGER LIFE FOR WOOD (The Role of Preservatives in Protecting Wood). 16 mm., sound, in color; also black and white. Running time, 17 minutes. Released 1954.

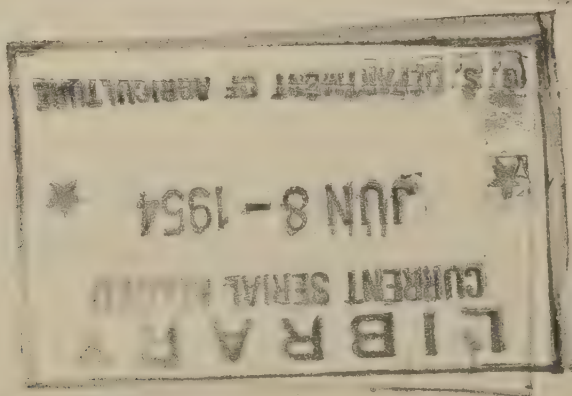
Designed to show the average user of wood the economic advantages of using treated wood in places where decay is likely to occur. Shows the value of good construction, and how improper construction can lead to early decay in wood. Portrays treatment of wood with preservatives in commercial treating plants, as well as home treatments on the farm and in the city.

(Not in film libraries, available for loan from regional offices of the Forest Service at Denver, Colo.; Missoula, Mont.; Albuquerque, N. Mex.; Ogden, Utah; Portland, Ore.; San Francisco, Calif.; Milwaukee, Wis.; Atlanta, Ga.; and Philadelphia, Pa. Available for purchase in the near future.) TV use permitted.

DEFENSIVE DRIVING. 16 mm., sound, black and white. Running time, 13 minutes. Released 1953.

A filmograph (filmstrip on motion picture film) designed for safety training in the Soil Conservation Service—how to avoid accidents by anticipating and allowing for hazards created by other drivers and adverse traffic and weather conditions. (Not in film libraries, available only by purchase, with preview, from United World Films, Inc., 1445 Park Ave., New York 29, N. Y., for \$21.20.)

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BULLETIN OF THE MONTH

Wasps: How to Control Them Leaflet 365

Recommendations for the control of hornets, yellow jackets and wasps are given.

FARMERS' BULLETINS

Apple scald and its control. M. H. Haller. Agricultural Research Service. 9 p., illus. (F 1380, rev.) Price 10¢.

Symptoms, cause and control of this apple storage and market disease are given in this revision.

Poultry keeping in backyards. Agricultural Research Service. 14 p., illus. (F 1508, rev.) Price 10¢.

This revised bulletin discusses such subjects as suitable breeds, houses, methods of feeding, and sanitary requirements.

Insects and diseases of the pecan and their control. M. R. Osburn, A. M. Phillips, William C. Pierce, and John R. Cole. Agricultural Research Service. 56 p., illus. (F 1829, rev.) Price 25¢.

Cultural and spraying practices for control are given in this revision.

Growing peanuts. J. H. Beattie and F. W. Poos, Agricultural Research Service, and B. B. Higgins, Georgia Agricultural Experiment Station. 54 p., illus. Supersedes Farmers' Bulletin 1656. (F 2063.) Price 25¢.

Cultural recommendations for successful commercial production are given in this new bulletin.

You can store grain safely on the farm. Agricultural Research Service. 15 p., illus. (F 2071.) Price 10¢.

Recommendations on achieving a safe moisture content and requirements for a safe storage structure are given.

LEAFLETS

Wasps: How to control them. Agricultural Research Service. Folder, illus. (L 365.) Price 5¢. *See above.*

AGRICULTURE INFORMATION BULLETINS

Farm family spending and saving in Illinois with a comparison of survey and home-accounts data. Jean L. Pennock, Margaret L. Brew and Rose C. Tillinghast, Agricultural Research Service. 92 p., illus. (AB 101.) Price 30¢.

This study of farm family spending and saving in Illinois in 1946 is a study on levels of consumption. It has been designed to describe the levels of living in a particular locality.

* Compiled by Eleanor W. Clay, Office of Information.

Milk and its products: Facts for consumer education. Irene H. Wolgamot and Lillian J. Fincher. Agricultural Research Service. 31 p., illus. (AB 125.) Price 25¢.

This bulletin provides source material for workers in extension, consumer education, and marketing services, and teachers, dietitians, nutritionists, food editors, and others who give consumers information on food.

MARKETING RESEARCH REPORTS

(Titles of these reports are self-explanatory)

Processing the three major oilseeds. George W. Kromer and C. B. Gilliland. Agricultural Marketing Service. 37 p., illus. (MRR 58.) Price 25¢. **FOR SALE ONLY.**¹

Studies of watermelon loading for rail shipment, 1953. P. L. Breakiron, J. R. Winston and J. Kaufman, Agricultural Marketing Service. 27 p., illus. (MRR 62.) Price 20¢.

Meeting dairy market sanitation requirements economically. Agricultural Research Service. 26 p., illus. (MRR 64.) Price 15¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

Rules and regulations of the Secretary of Agriculture governing the grading and certification of meats, prepared meats, and meat products; and administrator's instructions thereunder. Agricultural Marketing Service. March 1954. Pp. 1-11. (SRA-AMS 98, rev.)

Service and regulatory announcements. Livestock Regulatory Branches, Agricultural Research Service. April 1954, Pp. 25-34. (SRA-LRB 563.) Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

SOIL SURVEYS

Baker Area, Oregon. A. C. Anderson, W. G. Harper, Matthew Drosdoff and W. M. Kunkle. Soil Conservation Service in cooperation with the Oregon Agricultural Experiment Station. 172 p., illus. Series 1941, No. 9. Price \$1.25.

Collier County, Florida. Ralph G. Leighty, M. B. Marco, and G. A. Swenson. Soil Conservation Service in cooperation with the Florida Agricultural Experiment Station. 72 p., illus. Series 1942, No. 8. Price \$3.75.

Jackson County, Alabama. G. A. Swenson, Robert Wildermuth and B. H. Williams. Soil Conservation Service in cooperation with the Alabama Department of Agriculture and Industries, Alabama Agricultural Experiment Station, and the Tennessee Valley Authority. 222 p., illus. Series 1941, No. 8. Price \$4.75. **FOR SALE ONLY.**¹

Towns County, Georgia. John T. Miller. Soil Conservation Service in cooperation with the University of Georgia, College of Agriculture and the Tennessee Valley Authority. 121 p., illus. Series 1939, No. 16. Price \$1.50. **FOR SALE ONLY.**¹

TECHNICAL BULLETINS

Classification of wheat varieties grown in the United States in 1949. B. B. Bayles and J. Allen Clark. Agricultural Research Service. 173 p., illus. (T 1083.) Price 70¢. **FOR SALE ONLY.**¹

The purpose of this bulletin is to provide a classification of the wheat varieties that are grown commercially in the United States or may be so grown soon. The names of varieties have been standardized insofar as practicable in accordance with a code of nomenclature.

Calcium requirements of dairy cattle. Henry T. Converse. Agricultural Research Service. 25 p. (T 1092.) Price 15¢. **FOR SALE ONLY.**¹

Longtime feeding experiments intended to ascertain the calcium requirements of dairy cattle are reported.

OTHER PUBLICATIONS

The Mississippi Federated Cooperatives' System: Its purchasing and marketing services. J. Warren Mather. Farmer Cooperative Service. 142 p., illus. (FCS Bulletin 2.) Price 60¢. **FOR SALE ONLY.**¹

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PERIODICALS

Agricultural research. Vol. 2, No. 11, May 1954. Price 15¢ a copy, \$1.00 a year, domestic; \$1.35 a year, foreign.¹

The agricultural situation. Vol. 38, No. 5, May 1954. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Agriculture decisions. Vol. 13, No. 2, February 1954. Price of single copy varies depending on size. \$4.00 a year, domestic; \$5.00 a year, foreign.¹

Bibliography of agriculture. Vol. 18, No. 5, May 1954. Single copies vary in price. \$8.00 a year, domestic; \$9.50 a year, foreign.¹

Foreign agriculture. Vol. XVIII, No. 5, May 1954. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹

Index to Volume XVII, 1953.

Marketing activities. Vol. 17, No. 3, April 1954. Price 15¢ a copy, \$1.75 a year, domestic; \$2.25 a year, foreign.¹

News for farmer cooperatives. Vol. 21, No. 2, May 1954. Price 10¢ a copy, \$1.25 a year, domestic; \$1.75 a year, foreign.¹

Soil conservation. Vol. XIX, No. 10, May 1954. Price 15¢ a copy, \$1.25 a year, domestic; \$1.75 a year, foreign.¹

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RAINBOW VALLEY (The Story of a Forest Ranger). 16 mm., sound, in color; also black and white. Running time, 28 minutes. Released 1954.

This picture portrays the work and responsibilities of the United States Forest Ranger in the service of the American people. Illustrated are many of the activities in which all forest rangers engage in protecting and managing the resources of the National Forests. Also shown are the multiple benefits of the National Forests in the form of timber, water, grass, wildlife, and recreation. (Available from a few film libraries and from regional offices of the Forest Service at Denver, Colo.; Missoula, Mont.; Albuquerque, N. Mex.; Ogden, Utah; Portland, Ore.; San Francisco, Calif.; Milwaukee, Wisc.; Atlanta, Ga.; and Philadelphia, Pa. For sale in near future, approximately \$150. TV use permitted.)

VESICULAR EXANTHEMA. 16 mm., sound, in color. Running time, 16 minutes. Released 1954.

Tells the story of the outbreak of vesicular exanthema in 1952, its rapid spread, and measures taken to control it. Shows disease symptoms; depicts differential diagnostic field tests, and reviews Federal—State—Industry cooperation in eradication efforts, including the proper cooking of garbage fed to swine to curb the spread of vesicular exanthema as well as other diseases. The film stresses that any campaign to control outbreaks and eradicate animal diseases requires the cooperation of everyone connected with the livestock industry, from the producer to the consumer. Produced in collaboration with the Federal Civil Defense Administration, this picture is a graphic example of the dangers of infectious diseases to the livestock industry of the Nation. (Apply to the Motion Picture Service for information regarding loan of prints. TV use permitted.)

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BULLETIN OF THE MONTH

Grasshoppers: A New Look at an Ancient Enemy Farmers' Bulletin 2064

The more important facts about grasshoppers are given in everyday language. This bulletin describes damage they do; tells what different species look like, how they develop, where and how they live; explains how outbreaks occur and how to control them.

FARMERS' BULLETINS

Capons and caponizing. Agricultural Research Service. 12 p., illus. (F 849, rev.) Price 10¢.

Capon characteristics and breed selection are described here. This revised bulletin gives information on how and when to caponize, and care of fowls after operation. Feeding, growing and marketing of capons, summary of costs of production and returns, and hormonized or caponette information is included.

Udder diseases of dairy cows. Richard W. Brown and W. D. Pounden. Agricultural Research Service. 18 p., illus. (F 1422, rev.) Price 15¢.

This revised bulletin tells what to do about these diseases and conditions affecting the udder: Mastitis, cowpox, teat troubles, warts. Also discussed are bad flavors and odors of milk, bloody milk, ropy milk, suppression of milk and management and udder health.

Beef-cattle breeds for beef and for beef and milk. R. T. Clark and A. L. Baker. Agricultural Research Service. 22 p., illus. (F 1779, rev.) Price 15¢.

Brief descriptions of breeds of cattle kept for beef or for both beef and milk in the United States are presented in this revised bulletin.

Handling and storing soft corn on the farm. C. K. Shedd. Agricultural Research Service. 12 p., illus. (F 1976, rev.) Price 10¢.

Handling and storing of soft corn through natural or mechanical drying in permanent and temporary cribs and methods other than cribbing are discussed in this revised bulletin.

Grasshoppers: A new look at an ancient enemy. J. R. Parker. Agricultural Research Service. 40 p., illus. Supersedes F 1828. (F 2064.) Price 20¢.
See above.

LEAFLETS

Powder-post beetles in buildings: What to do about them. Forest Service. 8 p., illus. (L 358.) Price 5¢.

Control methods for powder-post beetles are given in this leaflet. Damage done by them in hardwoods, softwoods and bamboo products is described.

The golden nematode of potatoes and tomatoes: How to prevent its spread. J. F. Spears. Agricultural Research Service. 4 p., illus. (L 361.) Price 5¢.

How to prevent the spread of this minute organism which works into the roots and feeds off juices in the tissues is described. A natural color illustration helps in identification of this organism.

*Compiled by Eleanor W. Clay, Office of Information.

AGRICULTURE HANDBOOKS

A manual on conservation of soil and water. Handbook for professional agricultural workers. Soil Conservation Service. [208] p., illus. (AH 61.) Price 60¢. FOR SALE ONLY.¹

Causes, processes and consequences of soil erosion and depletion and major soil- and water-conservation measures are explained in this handbook. It was prepared for the use of officials, technicians and agriculturists interested in controlling wind and water erosion and making better use of rainfall available and irrigation water throughout the world.

AGRICULTURE INFORMATION BULLETINS

Legal liability risks and insurance protection for farmers. John D. Rush. Agricultural Research Service. 38 p. (AB 122.) Price 25¢.

Today's mechanized farming has increased immensely the number of accidental injuries. This bulletin explains the types of insurance a farmer may carry for protection in cases of personal liability, liability to employees and motor vehicle liability. Auto financial responsibility laws are explained. Actual court cases illustrate points made.

Stall barns for dairy cattle. Thayer Cleaver, Harold J. Thompson, and Robert G. Yeck. Agricultural Research Service. 16 p., illus. (AB 123.) Price 10¢.

Details necessary to be kept in mind if you plan to build or remodel a stall barn for dairy cattle are discussed. Barn plan and site selection, design details, space requirements, equipment and approximate costs are considered.

CIRCULARS

Littleleaf disease of shortleaf and loblolly pines. W. A. Campbell and Otil L. Copeland, Jr. Forest Service. 41 p., illus. Supersedes C 716. (C 940.) Price 25¢.

This bulletin reviews work done in searching for the cause of littleleaf disease in the South and Southeast. A scale for predicting littleleaf hazards and information on how to minimize losses are included.

MARKETING RESEARCH REPORTS

(Titles of these reports are self-explanatory)

Breaking out bales of cotton stored on head. Jo Brice Wilmeth and Charles D. Bolt. Agricultural Marketing Service. 23 p., illus. (MRR 61.) Price 20¢. FOR SALE ONLY.¹

Seasonality of milk production under the Louisville fall premium plan. Gertrude G. Foelsch. Agricultural Marketing Service. 47 p., illus. (MRR 63.) Price 30¢. FOR SALE ONLY.¹

SERVICE AND REGULATORY ANNOUNCEMENTS

Notices of judgment under the Federal Insecticide, Fungicide, and Rodenticide Act. Agricultural Research Service. Pp. 109-139. (NJ-IFR 170-200.)

Official United States standards for grades of lamb, yearling mutton, and mutton carcasses. Agricultural Marketing Service. May 1954. 6 p. (SRA-AMS 123, with amendments.)

Regulations for the enforcement of the Federal Insecticide, Fungicide, and Rodenticide Act. Agricultural Research Service. March 1954. 18 p. (SRA-ARS 166, with amendments.)

Regulations for warehousemen storing grain, as amended. Agricultural Marketing Service. March 1954. 27 p. (SRA-AMS 127, rev.)

Service and regulatory announcements. Livestock Regulatory Branches. Agricultural Research Service. April 1954. Pp. 35-44. (SRA-LRB 564.) Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

SOIL SURVEYS

Crawford County, Pennsylvania. S. R. Bacon, R. T. A. Burke, Howard William Higbee, J. K. Thornton, D. K. Wolff, S. Von Day, C. S. Bryner, and Gerald Yoder. Soil Conservation Service in cooperation with the Pennsylvania State College, School of Agriculture and Experiment Station. Series 1939, No. 18. 77 p., illus. Price \$2.25. FOR SALE ONLY.¹

Le Sueur County, Minnesota. Olaf C. Soine and P. R. McMiller. Soil Conservation Service in cooperation with the University of Minnesota Agri-

¹ Payable to the Superintendent of Documents, Government Printing Office. Washington 25, D. C.

cultural Experiment Station. Series 1944, No. 3. 55 p., illus. Price \$1.50. **FOR SALE ONLY.**¹

Wise County, Virginia. H. H. Perry, P. C. Connor, A. M. Baisden, C. S. Coleman, E. F. Henry, and A. W. Sinclair. Soil Conservation Service in cooperation with the Virginia Agricultural Experiment Station and the Tennessee Valley Authority. Series 1940, No. 12. 114 p., illus. Price \$3.50. **FOR SALE ONLY.**¹

TECHNICAL BULLETINS

Effects of phosphate fertilization on the nutritive value of soybean forage for sheep and rabbits. Gennard Matrone, Frank H. Smith, Virginia B. Weldon, W. W. Woodhouse, Jr., W. J. Peterson, and Kenneth C. Beeson. United States Department of Agriculture in cooperation with the North Carolina Agricultural Experiment Station and North Carolina State Department of Agriculture. 95 p., illus. (T 1086.) Price 35¢. **FOR SALE ONLY.**¹

Discussed here are the results of a five-year experiment, conducted in North Carolina, which show that phosphate fertilizer not only increases the yield of soybean hay but also increases the hay's nutritive value for sheep and rabbits.

OTHER PUBLICATIONS

Changing grain storage costs: Farm vs. elevator. Thomas E. Hall. Farmer Cooperative Service. 17 p., illus. Formerly FCA C 151. (FCS C 6.) Price 10¢.

Costs of pelleting feeds at selected cooperative feed mills. Lacey F. Rickey. Farmer Cooperative Service. 27 p., illus. Formerly FCA Bul. 63. (FCS Bul. 3.) Price 15¢.

Delivering feed in bulk. Lacey F. Rickey. Farmer Cooperative Service. 30 p., illus. Formerly FCA C 143. (FCS C 3.) Price 15¢.

Feed bags—Kinds, costs, and problems. Lacey F. Rickey. Farmer Cooperative Service. 21 p., illus. (FCS C 2.) Price 15¢.

Operating costs of 15 cooperative poultry dressing plants. Ralph A. Eastwood and John J. Scanlan. Farmer Cooperative Service. 73 p., illus. Formerly FCA Bul. 70. (FCS Bul. 4.) Price 25¢.

Report of the Administrator of agricultural research, 1953. B. T. Shaw. Agricultural Research Service. 492 p. Price \$1.25. **FOR SALE ONLY.**¹

Report of the Virgin Islands agricultural research and extension program, 1953. Agricultural Research Service. 13 p.

Report on the Agricultural Experiment Stations, 1953. R. W. Trullinger. Agricultural Research Service. 177 p. Price 50¢. **FOR SALE ONLY.**¹

¹Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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2 FREE PUBLICATION OFFER IS LIMITED TO CORRESPONDENTS WITHIN THE UNITED STATES AND ON INTERNATIONAL EXCHANGE. FOREIGN CORRESPONDENTS SEE PURCHASE INSTRUCTIONS ON PAGE 1.

PERIODICALS

Agricultural research. Vol. 2, No. 12, June 1954. Price 15¢ a copy, \$1.00 a year, domestic; \$1.35 a year, foreign.¹

The agricultural situation. Vol. 38, No. 6, June 1954. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Agriculture decisions. Vol. 13, No. 4, April 1954. Price of single copy varies depending on size. \$4.00 a year, domestic; \$5.00 a year, foreign.¹

Bibliography of agriculture. Vol. 18, No. 6, June 1954. Single copies vary in price. \$8.00 a year, domestic; \$9.50 a year, foreign.¹

Extension service review. Vol. 25, No. 5, May 1954; Vol. 25, No. 6, June 1954. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

Foreign agriculture. Vol. XVIII, No. 6, June 1954. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹

Marketing activities. Vol. 17, No. 4, May 1954. Price 15¢ a copy, \$1.75 a year, domestic; \$2.25 a year, foreign.¹

News for farmer cooperatives. Vol. 21, No. 3, June 1954. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

Rural lines. (This is the first issue of Rural Lines. REA plans to publish this magazine monthly in order to bring you facts about the rural electrification and rural telephone programs.) Vol. 1, No. 1, June 1954. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹

Soil conservation. Vol. XIX, No. 11, June 1954. Price 15¢ a copy, \$1.25 a year, domestic; \$1.75 a year, foreign.¹

MOTION PICTURES

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16-mm. and 35-mm. widths. Films in the 16-mm. size are available from State film libraries; 35-mm. films are available only from Motion Picture Service. They are lent for educational purposes to groups and organizations or may be purchased outright. Prints of Department films may be obtained from 73 cooperating film libraries in the 48 States, and the Territories of Alaska, Hawaii, and Puerto Rico.

TYPICAL TELEVISION INTERFERENCE PATTERNS. 16 mm., sound, black and white. Running time, 11 minutes. Released 1953.

Designed for technical personnel, this film answers questions which continuously plague TV set owners and servicemen: What are the various types of television interference patterns? What causes them? How can they be corrected and eliminated? Of general interest to all TV set owners. (Not in film libraries; available for loan to REA electric co-ops from the Motion Picture Service. Also available for sale, and preview, from United World Films, Inc., 1445 Park Ave., New York 29, N. Y., for \$17.96.)

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BULLETIN OF THE MONTH

Marketing Eggs Farmers' Bulletin 1378

Detailed suggestions on the many useful and profitable farm practices in the marketing of eggs are given in this revision.

FARMERS' BULLETINS

Marketing eggs. Agricultural Marketing Service. 46 p., illus. (F 1378, rev.) Price 25¢. *See above.*

Asparagus culture. Ross C. Thompson. Agricultural Research Service. 22 p., illus. (F 1646, rev.) Price 15¢.

Planting, care, harvesting, marketing, diseases and insect pests of asparagus are discussed in this revision.

How to spray the aircraft way. Agricultural Research Service. [32] p., illus. (F 2062.) Price 15¢.

A basis for appraising aircraft spraying and information on planning individual spray jobs are given.

Ornamental and game breeds of chickens. Agricultural Research Service. 24 p., illus. Supersedes Farmers' Bulletin 1507. (F 2066.) Price 15¢.

This new bulletin briefly describes various breeds and varieties of ornamental and game chickens.

Chestnut blight and resistant chestnuts. Agricultural Research Service. 21 p., illus. Supersedes Farmers' Bulletin 1641. (F 2068.) Price 15¢.

A description of this disease that almost entirely destroyed the American chestnut and the search for blight-resistant trees is given.

LEAFLETS

The sugarcane beetle on corn in the Southern States. Agricultural Research Service. 4 p., illus. (L 362.) Price 5¢.

Life history and control measures of this beetle that does serious damage to corn is given.

AGRICULTURE HANDBOOKS

Manual on safety for workers in: Chemical laboratories, Pilot plants, Chemical storerooms, Mechanical shops. Agricultural Research Service. 36 p., illus. (AH 37.) Price 20¢.

Both usual and less common hazards to watch for in these places are given. Illustrations emphasize safety "do's" and "don't's."

Chemicals evaluated as insecticides and repellents at Orlando, Fla. W. V. King. Agricultural Research Service. 397 p. (AH 69.) Price \$2.25. **FOR SALE ONLY.¹**

* Compiled by Eleanor W. Clay, Office of Information.

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Evaluation tests of compounds to develop control measures for insects and arachnids of medical importance to the Armed Forces at the Orlando, Fla., laboratory of the Bureau of Entomology and Plant Quarantine in April 1942 are summarized. It is believed that this handbook will be of value to entomologists, chemists, and others interested in the development of new insecticides or in relation to chemical structure to insecticidal activity.

AGRICULTURE INFORMATION BULLETINS

Factors affecting farm loan interest rates. Lawrence A. Jones and Fred L. Garlock. Agricultural Research Service. 22 p., illus. (AB 126.) Price 20¢.

Interest rate structure, changes in interest rate levels and rates of interest paid by farmers are explained here.

Bank financing of dairy farmers in northern Vermont. Fred L. Garlock and Robert F. Hutton. Agricultural Research Service. 43 p. (AB 129.) Price 30¢.

A study of the financing policies and services of northern Vermont banks in providing working and fixed capital to farmers is given.

CIRCULARS

Handling and commercial utilization of the Kieffer pear. C. W. Culpepper, J. M. Lutz and H. H. Moon. Agricultural Research Service. 16 p., illus. (C 941.) Price 10¢.

This new circular describes harvesting, storing and use of the Kieffer pear.

TECHNICAL BULLETINS

Identification of races of flax rust by lines with single rust-conditioning genes. H. H. Flor. Agricultural Research Service. 25 p., illus. (T 1087.) Price 15¢. **FOR SALE ONLY.**¹

Work in developing a rust-resistant flax variety is reported.

Persistence of BHC, DDT, and toxaphene in soil and the tolerances of certain crops to their residues. Agricultural Research Service. 19 p., illus. (T 1090.) Price 15¢. **FOR SALE ONLY.**¹

Reported here are test results which determined that accumulated insecticides in soil may have important effects on insects and other organisms and the yield, flavor and quality of tobacco, cotton and cowpeas.

Parasitic wasps of the *Catolaccus* group in the Americas. B. D. Burks. Agricultural Research Service. 19 p. + 2 plates, illus. (T 1093.) Price 15¢. **FOR SALE ONLY.**¹

Detailed descriptions of this species of parasitic wasps, their distribution and hosts, are given.

MARKETING RESEARCH REPORTS

(Titles of these reports are self-explanatory)

Estimating the solids-not-fat content of milk. Louis F. Hermann, Elsie D. Anderson and Frank A. Bele. Agricultural Marketing Service. 13 p., illus. (MRR 65.) Price 10¢. **FOR SALE ONLY.**¹

Sampling routines and the accuracy of patrons' butterfat tests. Louis F. Hermann, W. G. Bryan and Elsie Anderson. Agricultural Marketing Service. 23 p., illus. (MRR 66.) Price 25¢. **FOR SALE ONLY.**¹

SERVICE AND REGULATORY ANNOUNCEMENTS

Service and regulatory announcements. Livestock Regulatory Branches. Agricultural Research Service. May 1954. Pp. 45-54. (SRA-LRB 565.) Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

OTHER PUBLICATIONS

Fall premium milk pricing plans. Norris T. Pritchard. Farmer Cooperative Service. 39 p., illus. (FCS Circular 4.) Price 15¢. **FOR SALE ONLY.**¹

Feed consumed by livestock and supply and disposition of feeds, by states, 1949-50. R. D. Jennings. Agricultural Research Service. 74 p., illus. (SB 145.) Price 45¢.

Guide to popular floras of the United States and Alaska. S. F. Blake. Agricultural Research Service. 56 p. (BB 23.) Price 25¢.

Labor used for field crops. Reuben W. Hecht and Keith R. Vice. Agricultural Research Service. 45 p. (SB 144.) Price 30¢.

¹ Payable to the Superintendent of Documents, Government Printing Office. Washington 25, D. C.

Livestock market news statistics and related data, 1953. Agricultural Marketing Service. 61 p. (SB 143.) Price 40¢.

Producing and merchandising sausage in small plants. C. G. Randell. Farmer Cooperative Service. 59 p., illus. (FCS Circular 5.) Price 25¢. **FOR SALE ONLY.**¹

Report of agricultural trade missions to the Secretary of Agriculture on foreign trade of the United States in agricultural products. [Foreign Agricultural Service.] 20 p. Price 15¢.

Rural electrification in the United States: A bibliography of selected references. Elizabeth Gould Davis. Library. 148 p. (BB 24.) Price 45¢. **FOR SALE ONLY.**¹

PERIODICALS

Agricultural economics research. Vol. VI, No. 3, July 1954. Price 20¢ a copy, 75¢ a year, domestic; \$1.00 a year, foreign.¹

Agricultural finance review. Vol. 16. Supplement I, May 1954. No subscription. Price 20¢. **FOR SALE ONLY.**¹

Agricultural research. Vol. 3, No. 1, July 1954. Price 15¢ a copy, \$1.00 a year, domestic; \$1.35 a year, foreign.¹

The agricultural situation. Vol. 38, No. 7, July 1954. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Bibliography of agriculture. Vol. 18, No. 7, July 1954. Single copies vary in price. \$8.00 a year, domestic; \$9.50 a year, foreign.¹

Extension service review. Vol. 25, No. 7, July 1954. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

Fire control notes. Vol. 15, No. 3, July 1954. Price 20¢ a copy, 75¢ a year, domestic; \$1.00 a year, foreign.¹

Foreign agriculture. Vol. XVIII, No. 7, July 1954. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹

Marketing activities. Vol. 17, No. 5, June-August 1954. Price 15¢ a copy, \$1.75 a year, domestic; \$2.25 a year, foreign.¹

News for farmer cooperatives. Vol. 21, No. 4, July 1954. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

Rural lines. Vol. 1, No. 2, July 1954. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹

Soil conservation. Vol. XIX, No. 12, July 1954. Price 15¢ a copy, \$1.25 a year, domestic; \$1.75 a year, foreign.¹

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MOTION PICTURES

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16-mm. and 35-mm. widths. Films in the 16-mm. size are available from State film libraries; 35-mm. films are available only from Motion Picture Service. They are lent for educational purposes to groups and organizations or may be purchased outright. Prints of Department films may be obtained from 73 cooperating film libraries in the 48 States, the District of Columbia, and the Territories of Alaska, Hawaii, and Puerto Rico.

VICIOUS CIRCLE. 16 mm., sound, in color. Running time, 21 minutes, Released 1954.

This picture portrays the avian type of tuberculosis, which causes an annual loss of several million dollars to owners of chickens and hogs. Although the disease is now most prevalent in the North Central States, its spread is a threat to all farms in the United States where chickens are raised. As shown, detection of tuberculosis in poultry flocks is difficult and, when found, prompt measures should be taken to eliminate the disease. Once tuberculosis is eliminated, it is recommended that, in all flocks maintained for egg and food production, the entire flock be replaced at least every 18 months, both to prevent recurrence of the disease and to maintain top efficiency of laying hens. In flocks maintained for breeding purposes, the tuberculin test should be used annually with prompt removal of reactors for slaughter, followed by thorough cleaning and disinfecting of premise where poultry is maintained. Since hogs contact the disease by their association with chickens, it is necessary to segregate them to avoid contamination. (Available from Extension Service and State College film libraries. TV use permitted.)

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BULLETIN OF THE MONTH

Dairy Cattle Breeds Farmers' Bulletin 1443

Factors to consider in selecting a breed, and the history of the origin and development of the breeds are questions of interest to both the beginner and the established breeder of dairy cattle. These are the topics discussed in this revised bulletin.

FARMERS' BULLETINS

Goose raising. Agricultural Research Service and Ohio State University. 26 p., illus. (F 767, rev.) Price 15¢.

Geese can be raised successfully in all parts of the United States. This revised bulletin gives the essentials of goose management.

Dairy cattle breeds. Joseph B. Parker. Agricultural Research Service. 29 p., illus. (F 1443, rev.) Price 15¢. See above.

Cereal smuts and their control. R. W. Leukel and V. F. Tapke. Agricultural Research Service. 28 p., illus. Supersedes Farmers' Bulletin 1711. (F 2069.) Price 15¢.

The smuts of cereal crops cost the American farmers millions of dollars every year. The importance of cereals in the world food economy makes it highly desirable that growers recognize these smut diseases and try to control them. This bulletin describes the important cereal smuts in the United States and gives directions for their control.

Fire-resistant construction on the farm. Harry L. Garver and Edward G. Molander. Agricultural Research Service. 28 p., illus. Supersedes Farmers' Bulletin 1590. (F 2070.) Price 15¢.

In an average year 3,500 people lose their lives in farm-building fires. The value of livestock, crops, machinery, and other property destroyed averages \$100 million a year. Much of this tragedy and material loss could be prevented if farmers would properly construct and locate farm buildings. Safety suggestions are given in this new bulletin.

LEAFLETS

The southern cornstalk borer. Agricultural Research Service. 5 p., illus. (L 363.) Price 5¢.

This insect is found from Alabama and northern Florida to Maryland. The insect causes serious damage to corn in Georgia, South Carolina, North Carolina, and Virginia, and occasionally it is an important pest in southern and eastern Maryland. Unfortunately, farmers pay little attention to it until their fields are nearly destroyed. Preventive measures are given.

Poultry lice: How to control them. Charles L. Smith. Agricultural Research Service. Folder, illus. (L 366.) Price 5¢.

Heavy infestations of lice may reduce egg production 10 to 20 percent. Control measures are given.

The tomato fruitworm: How to control it. J. Wilcox and A. F. Howland. Agricultural Research Service. Folder, illus. (L 367.) Price 5¢.

The tomato fruitworm eats deep holes in tomato fruits. It occurs all over the United States, and does more damage to tomatoes than any other insect. Control measures are given.

* Compiled by Eleanor W. Clay, Office of Information.

AGRICULTURE HANDBOOKS

Motion pictures of the United States Department of Agriculture, 1954. Office of Information. 62 p., illus. (AH 14, rev.) Price 25¢. **FOR SALE ONLY.**¹

The motion pictures produced by the Department of Agriculture are informational and instructional in type. All the current films of the Department are listed in this revised catalog, and instructions for ordering are given.

AGRICULTURE INFORMATION BULLETINS

Electricity on farms in New York and New England. Joe F. Davis. Agricultural Research Service. 42 p., illus. (AB 124.) Price 20¢.

This particular study was made to analyze the experiences of farmers of New York and New England in the use of electricity and electrical equipment as an indication of what the future may hold.

Farm costs and returns, 1953 (with comparisons): Commercial family operated farms, by type, and location. Agricultural Research Service. 44 p., illus. (AB 128.) Price 30¢.

This bulletin presents costs and returns in 1953 and earlier years for some of the more important types of commercial family-operated farms in major producing areas of the United States.

CIRCULARS

The beet leafhopper. J. R. Douglass and W. C. Cook. Agricultural Research Service. 21 p., illus. (C 942.) Price 15¢.

The beet leafhopper is a serious menace to sugar beet, bean, tomato, and other crops in the West. Life history and control are given.

Factors affecting time of planting soybeans in the southern states. Edgar E. Hartwig. Agricultural Research Service. 13 p., illus. (C 943.) Price 10¢.

The study summarized in this circular was designed to give basic information on rate of emergence, rate of growth, seed yield, and composition of seed, where soybeans are planted over a long range of time, as is possible in the southern region.

MARKETING RESEARCH REPORTS

(Titles of these reports are self-explanatory)

Homemakers' use of and opinions about fats and oils used in cooking. Agricultural Marketing Service. 88 p., illus. (MRR 67.) Price 50¢. **FOR SALE ONLY.**¹

Homemakers' use of and opinions about fats and oils used in cooking. Agricultural Marketing Service. 186 p. (Suppl. to MRR 67.) Price \$1.00. **FOR SALE ONLY.**¹

White potato storages for New Jersey, Long Island, and southeastern Pennsylvania. Benjamin C. Haynes, Jr. Agricultural Marketing Service. 17 p., illus. (MRR 70.) Price 20¢.

Handling empty apple boxes in Pacific Northwest packing and storage houses. Agricultural Marketing Service and Washington State Apple Commission. 36 p., illus. (MRR 71.) Price 30¢.

Nonfarm consumption of fluid milk and cream—a revised series of statistics. P. E. O'Donnell. Agricultural Marketing Service. 51 p., illus. (MRR 72.) Price 35¢.

TECHNICAL BULLETINS

Home washing machines—operating characteristics and factors affecting performance. Enid Sater Ross, Katherine Taube, and Dorothy Skinner Greene. Agricultural Research Service. 38 p., illus. (T 1088.) Price 15¢. **FOR SALE ONLY.**¹

To obtain technical information as a basis for the preparation of buying guides and directions for efficient use and care of washing machines, a study was made of the operating characteristics and of some factors affecting the performance of automatic, nonautomatic, and semiautomatic machines typical of the designs on the market in the late 1940's. Results of this study are presented here.

Natural cross-pollination in cotton. D. M. Simpson. Agricultural Research Service. 17 p., illus. (T 1094.) Price 10¢. **FOR SALE ONLY.**¹

Natural cross-pollination has important implications in cotton breeding and cottonseed production. This bulletin summarizes the results of a study in cotton conducted under the sponsorship of the Cotton Improvement Conference.

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OTHER PUBLICATIONS

Eastern White Pine. H. S. Betts. Forest Service. 8 p., illus. Price 5¢. **FOR SALE ONLY.**¹

The story of farmers' cooperatives. Farmer Cooperative Service. 31 p., illus. Formerly FCA Circular E-23. (FCS Educational Circular 1.) Price 15¢.

Western White Pine. H. S. Betts. Forest Service. 6 p., illus. Price 5¢. **FOR SALE ONLY.**¹

Yellow-Poplar. H. S. Betts. Forest Service. 8 p., illus. Price 5¢. **FOR SALE ONLY.**¹

PERIODICALS

Agricultural research. Vol. 3, No. 2, August 1954. Price 15¢ a copy, \$1.00 a year, domestic; \$1.35 a year, foreign.¹

The agricultural situation. Vol. 38, No. 8, August 1954. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Agriculture decisions. Vol. 13, No. 5, May 1954; Vol. 13, No. 6, June 1954. Price of single copy varies depending on size. \$4.00 a year, domestic; \$5.00 a year, foreign.¹

Bibliography of agriculture. Vol. 18, No. 8, August 1954. Single copies vary in price. \$8.00 a year, domestic; \$9.50 a year, foreign.¹

Extension service review. Vol. 25, No. 8, August 1954. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

Foreign agriculture. Vol. XVIII, No. 8, August 1954. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹

News for farmer cooperatives. Vol. 21, No. 5, August 1954. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

Soil conservation. Vol. XX, No. 1, August 1954. Price 15¢ a copy, \$1.25 a year, domestic; \$1.75 a year, foreign.¹

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☐ L 363
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POLE INSPECTION AND MAINTENANCE. 16 mm., sound, color. Running time, 22 minutes. Released 1954.

Designed for technical personnel of Rural Electrification Administration co-ops, this film shows how to "make old poles young" by stressing the importance of proper inspection of utility poles and demonstrating sound maintenance practices. (Not in film libraries: available for loan to REA co-ops and for purchase from the Motion Picture Service.)

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BULLETIN OF THE MONTH

Egg Buying Guides for Consumers

Home and Garden Bulletin 26

This new bulletin gives a description of the egg grading program of the Department and gives consumer tips for buying eggs.

FARMERS' BULLETINS

Insects and diseases of the pecan and their control. M. R. Osburn, A. M. Phillips, William C. Pierce, and John R. Cole. Agricultural Research Service. 56 p., illus. (F 1829, rev.) Price 25¢.

Many kinds of insects and disease organisms attack pecan trees and threaten the crop of nuts. Control measures for harmful insects and diseases are given in this revision.

Snap beans for marketing, canning, and freezing. W. J. Zaumeyer. Agricultural Research Service. 16 p., illus. (F 1915, rev.) Price 10¢.

This revised bulletin includes information on planting and care, disease and insect control, and recommended varieties for the canning and freezing industries.

Cauliflower and broccoli: Varieties and culture. Ross C. Thompson and D. J. Caffrey. Agricultural Research Service. 16 p., illus. (F 1957, rev.) Price 10¢.

Recommendations for the commercial production of these vegetable crops are given in this revision.

Getting started in farming. Martin R. Cooper. Agricultural Research Service. 34 p., illus. (F 1961, rev.) Price 15¢.

This revised bulletin is written for those who know little or nothing about farming and for those with farming experience who want to change their locations.

Breeds of chickens for meat and egg production. Agricultural Research Service. 30 p., illus. Supersedes F 1506. (F 2065.) Price 15¢.

The breeds and varieties of chickens discussed in this bulletin are the ones most commonly used for the production of food.

Managing winter sheep range for greater profit. Selar S. Hutchings. Forest Service. 46 p., illus. (F 2067.) Price 20¢.

The application of good management practices are described in this bulletin.

LEAFLETS

Wipe out brucellosis. Agricultural Research Service. Folder. (L 369.) Price 5¢.

Brucellosis (formerly called Bang's disease or infectious abortion) has driven more dairy and beef cattlemen out of business than any other animal disease. Recommendations for the eradication of this disease are given.

The onion thrips: How to control it. J. Wilcox and F. H. Shirck. Agricultural Research Service. 4 p., illus. (L 372.) Price 5¢.

Life history, habits, and control measures are given.

* Compiled by Eleanor W. Clay, Office of Information.

AGRICULTURE HANDBOOKS

Application of probability area sampling to farm surveys. Earl E. Houseman and T. J. Reed. Agricultural Marketing Service. 25 p., illus. (AH 67.) Price 20¢. **FOR SALE ONLY.**¹

In writing this handbook, the authors were prompted by many inquiries concerning the actual operations of selecting and using area samples for farm surveys.

CIRCULARS

Biology and control of the Englemann spruce beetle in Colorado. C. L. Massey and N. D. Wygant. Forest Service. 35 p., illus. (C 944.) Price 20¢. **FOR SALE ONLY.**¹

This circular contains complete information on the results of studies on the life history and habits of this beetle so that practical control measures could be developed.

HOME AND GARDEN BULLETINS

Egg buying guides for consumers. Rowena S. Mainland and W. E. Hauver, Jr. Agricultural Marketing Service. 8 p., illus. (G 26.) Price 10¢. *See page 1.*

Freezing combination main dishes. Agricultural Research Service. [20] p. (G 40.) Price 10¢.

Included in this publication are general directions for successful freezing of such main dishes as the stews, meat loaves, and casserole combinations.

SERVICE AND REGULATORY ANNOUNCEMENTS

Service and regulatory announcements. Plant Pest Control Branch and Plant Quarantine Branch, Agricultural Research Service. January-December 1951. 92 p. (SRA-PPC&PQ 180).

SOIL SURVEYS

Buncombe County, North Carolina. E. F. Goldston, C. W. Croom, W. A. Davis, and William Gettys. Soil Conservation Service in cooperation with the North Carolina Agricultural Experiment Station and the Tennessee Valley Authority. Series 1942, No. 6. 122 p., illus. Price \$2.75. **FOR SALE ONLY.**¹

Sacramento Area, California. Ralph C. Cole, L. K. Stromberg, O. F. Bartholomew, and John L. Retzer. Soil Conservation Service in cooperation with the University of California Agricultural Experiment Station. Series 1941, No. 11. 101 p., illus. Price \$2.25. **FOR SALE ONLY.**¹

OTHER PUBLICATIONS

Incense-cedar. Forest Service. 4 p., illus. Price 5¢. **FOR SALE ONLY.**¹

Oilseeds, fats and oils, and their products, 1909-53. Antoine Banna. Agricultural Marketing Service. 234 p. (SB 147.) Price \$1.25. **FOR SALE ONLY.**¹

Planting the southern pines. Philip C. Wakeley. Forest Service. 233 p., illus. (AM 18.) Price \$2.75. **FOR SALE ONLY.**¹

Studies on nutgrass (*Cyperus rotundus* L.) and its control. A. J. Loustalot, T. J. Muzik, and H. J. Cruzado. Agricultural Research Service. 30 p., illus. (PRB 52.) Price 15¢. **FOR SALE ONLY.**¹

Sweetgum. Forest Service. 8 p., illus. Price 5¢. **FOR SALE ONLY.**¹

Using your wool co-op. H. H. Hulbert and Walter L. Hodde. Farmer Cooperative Service. [10] p., illus. Supersedes FCA Cir. E 10. (FCS Ed. Cir. 2.) Price 10¢.

Western redcedar. Forest Service. 5 p., illus. Price 5¢. **FOR SALE ONLY.**¹

PERIODICALS

Agricultural research. Vol. 3, No. 3, September 1954. Price 15¢ a copy, \$1.00 a year, domestic; \$1.35 a year, foreign.¹

The agricultural situation. Vol. 38, No. 9, September 1954. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Agriculture decisions. Vol. 13, No. 7, July 1954. Price of single copy varies depending on size. \$4.00 a year, domestic; \$5.00 a year, foreign.¹

Bibliography of agriculture. Vol. 18, No. 9, September 1954. Single copies vary in price. \$8.00 a year, domestic; \$9.50 a year, foreign.¹

Extension service review. Vol. 25, No. 9, September 1954. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

Foreign agriculture. Vol. XVIII, No. 9, September 1954. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹

Marketing activities. Vol. 17, No. 6, September 1954. Price 15¢ a copy, \$1.75 a year, domestic; \$2.25 a year, foreign.¹

News for farmer cooperatives. Vol. 21, No. 6, September 1954. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

Rural lines. Vol. 1, No. 3, August 1954; Vol. 1, No. 4, September 1954. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹

Soil conservation. Vol. XX, No. 2, September 1954. Price 15¢ a copy, \$1.25 a year, domestic; \$1.75 a year, foreign.¹

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VICIOUS CIRCLE. 16 mm., sound, in color. Running time, 21 minutes. Released 1954. (Previously announced in July issue.)

This picture portrays the avian type of tuberculosis, which causes an annual loss of several million dollars to owners of chickens and hogs. Although the disease is now most prevalent in the North Central States, its spread is a threat to all farms in the United States where chickens are raised. As shown, detection of tuberculosis in poultry flocks is difficult and, when found, prompt measures should be taken to eliminate the disease. Once tuberculosis is eliminated, it is recommended that, in all flocks maintained for egg and food production, the entire flock be replaced at least every 18 months, both to prevent recurrence of the disease and to maintain top efficiency of laying hens. In flocks maintained for breeding purposes, the tuberculin test should be used annually with prompt removal of reactors for slaughter, followed by thorough cleaning and disinfecting of premises. Since hogs contact the disease by their association with chickens, it is necessary to segregate them to avoid contamination. (Available from Extension Service and State College film libraries. TV use permitted.)

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BULLETIN OF THE MONTH

Corn Production Farmers' Bulletin 2073

The use of hybrids, balanced fertilizers, heavier planting rates and mechanization have brought about a sweeping change in the production of corn during the last 20 years. This new bulletin outlines these achievements.

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FARMERS' BULLETINS

Potato production in the Northeastern and North Central States. G. V. C. Houghland, Robert V. Akeley, T. P. Dykstra, and W. A. Shands. Agricultural Research Service. 62 p., illus. (F 1958, rev.) Price 30¢.

This bulletin has been revised to include new varieties. Latest methods for the control of insects and diseases are also given.

Controlling sagebrush on rangelands. Joseph F. Pechanec, George Stewart, A. Perry Plummer, Joseph H. Robertson, and A. C. Hull, Jr. Forest Service. 36 p., illus. (F 2072.) Price 20¢.

Getting rid of sagebrush and restoring a good stand of forage plants on the range is the theme of this new bulletin.

Corn production. G. H. Stringfield and M. S. Anderson. Agricultural Research Service. [32] p., illus. Supersedes Farmers' Bulletin 1714. (F 2073.) Price 15¢. See above.

American foulbrood of honey bees—how to control it. A. S. Michael. Agricultural Research Service. 12 p., illus. Supersedes Farmers' Bulletin 1713. (F 2074.) Price 10¢.

American foulbrood is a disease of the brood of bees which causes serious losses to beekeepers. Cause and control are given in this new bulletin.

LEAFLETS

The farmer's share of the consumer's food dollar. Kenneth E. Ogren. Agricultural Marketing Service. [8] p., illus. (L 123, rev.) Price 10¢.

This revised leaflet sums up information on farm-retail price spreads for food products in 1953 and discusses some of the factors that affect the changes in these spreads.

Blight of pears, apples and quinces. John C. Dunegan. Agricultural Research Service. Folder, illus. (L 187, rev.) Price 5¢.

Control measures for this common and destructive disease are given in this revised folder.

The seed-corn maggot on beans: How to control it. John C. Elmore. Agricultural Research Service. Folder, illus. (L 370.) Price 5¢.

The beans you plant may not get pass the sprouting stage if the seed-corn maggot is in your fields. Control measures are given in this new folder.

Fire departments for rural communities: How to organize and operate them. John D. Rush. Agricultural Research Service. 8 p., illus. Supersedes Farmers' Bulletin 1667. (L 375.) Price 5¢.

Farmer leaders are realizing that their communities must have protection from fire. Information is given here on steps to take in planning a fire protection program.

* Compiled by Eleanor W. Clay, Office of Information.

AGRICULTURE HANDBOOKS

The commercial storage of fruits, vegetables, and florist and nursery stocks. R. C. Wright, Dean H. Rose and T. M. Whiteman. Agricultural Marketing Service. 77 p. Supersedes Circular 278. (AH 66.) Price 30¢.

The purpose of this handbook is to present a series of brief summaries of the essential average storage requirements of most of the important fresh fruits, vegetables, and cut flowers, and certain other horticultural crops that enter the market on a commercial scale.

Small sawmills: A pocket guide. C. J. Telford. Forest Service. 26 p., illus. (AH 70.) Price 15¢.

This guide is intended to serve as a handy reference for the operators, foremen, and workers of small mills. It contains suggestions for setting up a mill, keeping it in good condition, and increasing its output—thereby leading to the more efficient utilization of wood.

Directory of organization and field activities of the Department of Agriculture—1955. U. S. Department of Agriculture. 198 p. (AH 76.) Price 55¢. **FOR SALE ONLY.¹**

This directory shows the organizational structure of the Department of Agriculture. The multiple activities of its agencies and offices are explained briefly, and the locations of those activities within and outside the continental United States are given. Only supervisory personnel are listed at each location.

CIRCULARS

Relationships between preslaughter and postslaughter evaluations of beef cattle. R. R. Woodward, J. R. Quesenberry, R. T. Clark, C. E. Shelby and O. G. Hankins. Agricultural Research Service. 24 p. (C 945.) Price 15¢.

This study was designed to explore the relationships between preslaughter and postslaughter evaluations of a group of Hereford steers.

Effects of electrical bonding and grounding on static generation and elimination in cotton gins. Clarence G. Leonard and Victor L. Stedronsky. Agricultural Research Service. 13 p., illus. (C 949.) Price 10¢.

Static electricity presents a serious problem to cotton ginneries, especially in the arid cotton regions of the southwestern United States. This circular deals with bonding and grounding as affecting the accumulation of static on cotton during ginning.

HOME AND GARDEN BULLETINS

Green vegetables for good eating. Agricultural Research Service. [16] p. Supersedes Leaflet 272. (G 41.) Price 10¢.

Buying, storing and suggested recipes are given.

MARKETING RESEARCH REPORTS

(Titles of these reports are self-explanatory)

Changing patterns of milk consumption in Memphis, Tennessee. Philip B. Dwoskin, James A. Bayton, and William S. Hoofnagle. Agricultural Marketing Service. 77 p., illus. (MRR 69.) Price 45¢. **FOR SALE ONLY.¹**

Availability and display of frozen foods in retail stores in Washington, D. C. Dehard B. Johnson. Agricultural Marketing Service. 30 p., illus. (MRR 73.) Price 25¢.

SOIL SURVEYS

Blaine County, Nebraska. M. H. Layton. Soil Conservation Service in cooperation with the University of Nebraska. Series 1941, No. 13. 60 p., illus. Price \$1.75. **FOR SALE ONLY.¹**

Cleveland County, Oklahoma. W. H. Buckhannon. Soil Conservation Service in cooperation with the Oklahoma Agricultural Experiment Station. Series 1942, No. 7. 68 p., illus. Price \$2.00.

TECHNICAL BULLETINS

A taxonomic study of *Saccharum sinense* Roxb. and *S. barberi* Jeswiet. Ernst Artschwager. Agricultural Research Service. 87 p., illus. (T 1089.) Price 40¢. **FOR SALE ONLY.¹**

The results of a study on the characteristics and scientific classification of sugarcane varieties are presented.

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The larvae and pupae of the mosquitoes belonging to the *Culex* subgenera *Melanoconion* and *Mochlostyrax*. Richard H. Foote. Agricultural Research Service. 126 p., illus. (T 1091.) Price 50¢. **FOR SALE ONLY.**¹

In those field investigations involving studies of life histories or surveys for the application of control measures, it is essential for the worker to recognize any species in any stage of development. This bulletin brings up-to-date information on the characteristics of the immature stages of the species in these groups of mosquitoes, many of which are described here for the first time.

OTHER PUBLICATIONS

Agricultural outlook charts, 1955. Agricultural Marketing Service and Agricultural Research Service. 88 p., illus. Price 50¢. **FOR SALE ONLY.**¹

Black walnut. H. S. Betts. Forest Service. 8 p., illus. Price 5¢. **FOR SALE ONLY.**¹

Cuba as a market for United States agricultural products. Kathryn H. Wylie, Constance H. Farnworth and Mary S. Coyner. Foreign Agricultural Service. 32 p., illus. (FAR 81.) Price 15¢.

Foreign agricultural situation: The export problem (maps and charts.) Foreign Agricultural Service. 68 p., illus. Price 40¢. **FOR SALE ONLY.**¹

Marketing. (Yearbook) Alfred Stefferud. United States Department of Agriculture. 506 p., illus. (YB 1954.) Price \$1.75. **FOR SALE ONLY.**¹

Regional trends in livestock numbers. Earl E. Miller. Agricultural Marketing Service. 64 p., illus. (SB 146.) Price 40¢.

The southern pines. H. S. Betts. Forest Service. 13 p., illus. Price 10¢. **FOR SALE ONLY.**¹

Supplement for 1954 to Statistics on cotton and related data. Agricultural Marketing Service. 94 p. (Suppl. to SB 99.) Price 50¢. **FOR SALE ONLY.**¹

PERIODICALS

Agricultural economics research. Vol. VI, No. 4, October 1954. Price 20¢ a copy, 75¢ a year, domestic; \$1.00 a year, foreign.¹

Agricultural research. Vol. 3, No. 4, October 1954. Price 15¢ a copy, \$1.00 a year, domestic; \$1.35 a year, foreign.¹

The agricultural situation. Vol. 38, No. 10, October 1954. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Agriculture decisions. Vol. 13, No. 8, August 1954. Price of single copy varies depending on size. \$4.00 a year, domestic; \$5.00 a year, foreign.¹

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Bibliography of agriculture. Vol. 18, No. 10, October 1954. Single copies vary in price. \$8.00 a year, domestic; \$9.50 a year, foreign.¹

Crops and markets. Issued annually. Vol. 31, 1954 edition. No subscription. 70¢ a copy. **FOR SALE ONLY.**¹

Extension service review. Vol. 25, No. 10, October 1954. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

Fire control notes. Vol. 15, No. 4, October 1954. Price 20¢ a copy, 75¢ a year, domestic; \$1.00 a year, foreign.¹

Foreign agriculture. Vol. XVIII, No. 10, October 1954. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹

Marketing activities. Vol. 17, No. 7, October 1954. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹

News for farmer cooperatives. Vol. 21, No. 7, October 1954. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

Index for Volume 20, News for farmer cooperatives, April 1953—March 1954.

Rural lines. Vol. 1, No. 5, October 1954. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹

Soil conservation. Vol. XX, No. 3, October 1954. Price 15¢ a copy, \$1.25 a year, domestic; \$1.75 a year, foreign.¹

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THE THREAT OF THE CATTLE FEVER TICK. 16 mm., sound, in color.

Running time, 15 minutes. Released 1954.

Presents a sharp reminder of the danger of the cattle fever tick to American cattle and gives a brief history of the 30-year campaign waged to eradicate tick fever in Southern cattle. Portrays the significance of the precautions taken to see that the tick does not gain another foothold in our country. Points out that the manner in which the tick became incriminated as the carrier of this deadly disease "is one of the classics of modern research and a direct contributor which led to many medical discoveries within the last half-century." While the picture is of particular interest to cattle raisers, it tells a dramatic story that has much to offer all who deal with livestock, including the consumer. (TV use permitted.)

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BULLETIN OF THE MONTH

An American-type cheese: How to make it for home use Farmers' Bulletin 2075

By following the directions in this bulletin an American-type cheese, similar to Cheddar, satisfactory for home use can be made with simple equipment that is usually available on the farm.

FARMERS' BULLETINS

Laying out fields for tractor plowing. I. F. Reed. Agricultural Research Service. 17 p., illus. (F 1045, rev.) Price 10¢.

Recommended tractor-plowing methods for various sizes and shapes of fields are given in this revision.

Plowing with moldboard plows. I. F. Reed. Agricultural Research Service. 22 p., illus. (F 1690, rev.) Price 15¢.

This revised bulletin discusses moldboard plows and their use in effective clean plowing.

An American-type cheese: How to make it for home use. H. E. Walter. Agricultural Research Service. 9 p., illus. Supersedes Farmers' Bulletin 1734. (F 2075.) Price 10¢. *See above.*

LEAFLETS

The alfalfa weevil: How to control it. Agricultural Research Service. 8 p., illus. (L 368.) Price 5¢.

Control measures are given for this insect that causes millions of dollars of damage to the Nation's most valuable hay crop.

Split-level expansible farmhouse. Agricultural Research Service. [2] p., illus. (L 376.) Price 5¢.

A floor plan for designing a split-level brick house is shown.

Lights for more winter eggs. Agricultural Research Service. 4 p., illus. (L 377.) Price 5¢.

Information on operation, equipment, installation and cost of using electricity in poultry houses is given.

AGRICULTURE INFORMATION BULLETINS

The balance sheet of agriculture—1954. F. L. Garlock, L. A. Jones, R. W. Bierman, and W. H. Scofield. Agricultural Research Service. 29 p., illus. (AB 134.) Price 15¢.

This is the annual detailed report and estimates of the financial status of farmers.

*Compiled by Eleanor W. Clay, Office of Information.

CIRCULARS

Septoria canker of poplars in the United States. Alma M. Waterman. Forest Service. 24 p., illus. (C 947.) Price 15¢.

Results of a study on the symptoms and cause of this serious disease of poplars are given. Measures to prevent and control infection are also given.

Saving white pines by removing blister rust cankers. J. F. Martin and G. Flippo Gravatt. Agricultural Research Service. 22 p., illus. (C 948.) Price 15¢.

Blister rust is now present in most of our white pine forests, but it can be controlled by removing the cause. Information on pruning and thinning infected trees is given.

TECHNICAL BULLETINS

Beltsville growth standards for Holstein cattle. C. A. Matthews and M. H. Fohrman. Agricultural Research Service. 50 p. (T 1099.) Price 20¢. **FOR SALE ONLY.**¹

Standards of normal growth for this breed of dairy cattle are presented as a result of a study in a Beltsville herd.

OTHER PERIODICALS

Index-catalogue of medical and veterinary zoology. Supplement 2. Authors: A to C. Mildred A. Doss and Judith M. Humphrey. [Agricultural Research Service.] Pp. 318-457. Price 50¢. **FOR SALE ONLY.**¹

Western states bean cooperative—a joint sales agency. Henry M. Bain. Farmer Cooperative Service. 26 p., illus. (FCS Cir. 7.) Price 15¢. **FOR SALE ONLY.**¹

Wool statistics and related data. Agricultural Marketing service. 135 p. (SB 142.) Price 45¢. **FOR SALE ONLY.**¹

PERIODICALS

Agricultural research. Vol. 3, No. 5, November 1954. Price 15¢ a copy, \$1.00 a year, domestic; \$1.35 a year, foreign.¹

The agricultural situation. Vol. 38, No. 11, November 1954. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Bibliography of agriculture. Vol. 18, No. 11, November 1954. Single copies vary in price. \$8.00 a year, domestic; \$9.50 a year, foreign.¹

Extension service review. Vol. 25, No. 11, November 1954. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

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Soil conservation. Vol. XX, No. 4, November 1954. Price 15¢ a copy, \$1.25 a year, domestic; \$1.75 a year, foreign.¹

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MOTION PICTURES

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16-mm. and 35-mm. widths. Films in the 16-mm. size are available from State film libraries: 35-mm. films are available only from Motion Picture Service. They are lent for educational purposes to groups and organizations or may be purchased outright. Prints of Department films may be obtained from 75 cooperating film libraries in the 48 States, the District of Columbia, and the Territories of Alaska, Hawaii, and Puerto Rico.

SCRAPIE. 16 mm., sound, in color. Running time, 8 minutes. Released 1954.

After briefly reviewing the history of Scrapie, the picture illustrates the key symptoms, indicated methods of careful diagnosis, and tells ways of combatting the disease. Because Scrapie is so difficult to detect in early stages, its danger to the Nation's sheep flocks is pointed out. An outbreak of the disease in 1952 is cited and the prompt measures of control and eradication is depicted. Since the sheep in the picture actually have the disease and exhibit the various symptoms, and post-mortem and laboratory findings are explained, this film should be of particular value to practicing veterinarians, veterinary college students, state and county authorities, and to sheep raisers. Produced in collaboration with the Federal Civil Defense Administration and the California State Department of Agriculture. (Apply to the Motion Picture Service for information regarding loan and purchase of prints.)

BLUE TONGUE. 16 mm., sound, in color. Running time, 9 minutes. Released 1954.

Describes the history and geographical distribution of Blue Tongue, catarrhal fever of sheep; shows the symptoms, lesions, and pathology characteristic of the disease; means of prevention and control. This film should be extremely helpful in providing information to USDA and other veterinarians, veterinary students and the livestock industry. Produced in collaboration with the California Department of Agriculture and the Federal Civil Defense Administration. (Not in film libraries; apply to the Motion Picture Service for information regarding loan and purchase of prints.)

THE SMALL SAWMILL. 16 mm., sound, in color. Running time, 20 minutes. Released 1954.

This film is designed to stimulate the interest of owners and operators of small sawmills in more efficient production, better quality of lumber, and more complete utilization of sawtimber and sawlogs. Shows the transformation of a small, dilapidated, unproductive sawmill into an efficient and productive operation. Filmed in the Eastern United States. (Not in film libraries; available for loan from regional offices of the Forest Service at Denver, Colo.; Missoula, Mont.; Albuquerque, N. Mex.; Ogden, Utah; Portland, Ore.; San Francisco, Calif.; Milwaukee, Wisc.; Atlanta, Ga.; and Upper Darby, Pa.; for purchase from United World Films, Inc., 1445 Park Ave., New York 29, N. Y., for \$95.04.)

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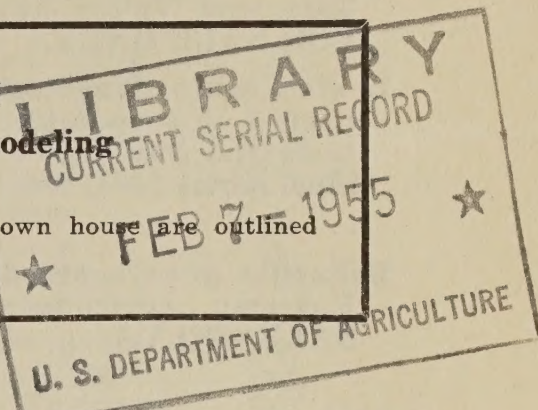
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BULLETIN OF THE MONTH

Your Farmhouse . . . How to Plan Remodeling Home and Garden Bulletin 42

Sound principles to apply if you plan remodeling your own house are outlined in this bulletin.



FARMERS' BULLETINS

Care and management of dairy cows. J. B. Parker and P. C. Underwood. Agricultural Research Service. 45 p., illus. (F 1470, rev.) Price 20¢.

LEAFLETS

Corrugation irrigation. William R. Stanley. Soil Conservation Service. 8 p., illus. (L 343.) Price 5¢.

Lespedezas for quail and good land use. Verne E. Davison. Soil Conservation Service. 8 p., illus. Supersedes L 248. (L 373.) Price 5¢.

A rounded-corner hutch for rabbits. George S. Templeton. Agricultural Research Service. Folder, illus. (L 378.) Price 5¢.

The clover seed midge: How to control it. Agricultural Research Service. Folder, illus. Supersedes F 971. (L 379.) Price 5¢.

The wheat jointworm: How to fight it. Agricultural Research Service. Folder, illus. Supersedes F 1006. (L 380.) Price 5¢.

AGRICULTURE HANDBOOKS

Fertilizer use and crop yields in the United States. Agricultural Research Service. 75 p. (AH 68.) Price 50¢. **FOR SALE ONLY.**¹

AGRICULTURE INFORMATION BULLETINS

Our forest resources: What they are and what they mean to us. Charles E. Randall. Forest Service. 37 p., illus. Supersedes AB 72. (AB 131.) Price 20¢. **FOR SALE ONLY.**¹

CIRCULARS

A high-clearance self-propelled sprayer for sweet corn. D. T. Black, L. P. Ditman, and G. J. Burkhardt. Agricultural Research Service. 13 p., illus. (C 946.) Price 10¢. **FOR SALE ONLY.**¹

The dasheen: A tropical root crop for the South. W. H. Hodge. Agricultural Research Service. 28 p., illus. (C 950.) Price 15¢. **FOR SALE ONLY.**¹

HOME AND GARDEN BULLETINS

Your farmhouse . . . how to plan remodeling. Agricultural Research Service. 24 p., illus. Supersedes M 619. (G 42.) Price 15¢. *See above.*

Turkey on the table the year round. Mary T. Swickard, Rowena S. Mainland, and Stanley J. Marsden. Agricultural Research Service and Agricultural Marketing Service. 21 p., illus. Supersedes F 2011. (G 45.) Price 15¢.

* Compiled by Eleanor W. Clay, Office of Information.

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MISCELLANEOUS PUBLICATIONS

Federal legislation, rulings, and regulations affecting the State agricultural experiment stations. Agricultural Research Service. 47 p. (M 515, rev.) Price 35¢. **FOR SALE ONLY.**¹

SERVICE AND REGULATORY ANNOUNCEMENTS

Service and regulatory announcements. Plant Pest Control Branch and Plant Quarantine Branch, Agricultural Research Service. January-December 1952. 90 p. (SRA-PPC & PQ 181.)

SOIL SURVEYS

Bland County, Virginia. H. C. Porter, C. S. Coleman, A. W. Sinclair, P. C. Conner, A. C. Orvedal, and A. E. Shearin. Soil Conservation Service in cooperation with the Virginia Agricultural Experiment Station and the Tennessee Valley Authority. 164 p., illus. Series 1940, No. 15 Price \$3.00. **FOR SALE ONLY.**¹

Lewis County, Washington. R. H. Fowler and A. O. Ness. Soil Conservation Service in cooperation with the Washington Agricultural Experiment Stations and the State Department of Conservation and Development. 130 p., illus. Series 1941, No. 10. Price \$2.00. **FOR SALE ONLY.**¹

TECHNICAL BULLETINS

Beltsville growth standards for Jersey cattle. C. A. Matthews and M. H. Fohrman. Agricultural Research Service. 46 p. (T 1098.) Price 20¢. **FOR SALE ONLY.**¹

OTHER PUBLICATIONS

Agricultural, manufacturing, and income statistics for the domestic sugar areas (Volume II of Sugar Statistics). Commodity Stabilization Service. 165 p. (SB 150.) Price \$1.00. **FOR SALE ONLY.**¹

An economic study of rough rice storage in the Southern States. J. Norman Efferson, Roane Hathorn, and Arthur Gerlow. Agricultural Marketing Service in cooperation with Louisiana Agricultural Experiment Station. 57 p. (MRR 75.) Price 40¢. **FOR SALE ONLY.**¹

The forest resources of New Hampshire. Forest Service. 39 p., illus. (FR 8.) Price 45¢. **FOR SALE ONLY.**¹

List of available publications of the United States Department of Agriculture. Eleanor W. Clay. Office of Information. 139 p. Supersedes M 60. (Lt 11.)

Wholesale prices of fresh fruits and vegetables and auction prices of fresh fruits at New York City and Chicago and F. O. B. prices at leading shipping points, by months, 1953. Lillian V. Walsh. Agricultural Marketing Service. 44 p. (SB 149.) Price 30¢. **FOR SALE ONLY.**¹

PERIODICALS

Agricultural research. Vol. 3, No. 6, December 1954. Price 15¢ a copy, \$1.00 a year, domestic; \$1.35 a year, foreign.¹

The agricultural situation. Vol. 38, No. 12, December 1954. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Agriculture decisions. Vol. 13, No. 9, September 1954; Vol. 13, No. 10, October 1954. Price of single copy varies depending on size. \$4.00 a year, domestic; \$5.00 a year, foreign.¹

Foreign agriculture. Vol. XVIII, No. 12, December 1954. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹

News for farmer cooperatives. Vol. 21, No. 9, December 1954. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

Rural lines. Vol. 1, No. 7, December 1954. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign.¹

Soil conservation. Vol. XX, No. 5, December 1954. Price 15¢ a copy, \$1.25 a year, domestic; \$1.75 a year, foreign.¹

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Extension Service, Ala., Polyt. Inst.	Auburn	Ala.
Extension Service, Univ. of Alaska	College	Alaska
Visual Aids Bureau, Univ. of Ariz.	Tucson	Ariz.
Extension Division, Ark. State College	Conway	Ark.
Extension Service, P. O. Box 391	Little Rock	Ark.
Extension Division, Univ. of Calif.	Berkeley 4	Calif.
Ext. Div., Univ. of Calif., 10851 Le Conte Ave.	Los Angeles 24	Calif.
Bureau of Audio-Visual Instr., Univ. of Colo.	Boulder	Colo.
Extension Service, Colo. A. & M. College	Fort Collins	Colo.
Audio-Visual Center, Univ. of Conn.	Storrs	Conn.
Dept. of Rural Communications, Univ. of Delaware	Newark	Del.
Film Section, D. C. Public Library	Washington 1	D.C.
Dept. of Visual Instr., Univ. of Fla.	Gainesville	Fla.
Georgia Agric. Extension Service	Athens	Ga.
Audio-Visual Aids Service, Univ. of Ga.	Athens	Ga.
Extension Service, Univ. of Hawaii	Honolulu 14	T.H.
Extension Service, State House	Boise	Idaho
Visual Aids Service, Univ. of Ill.	Champaign	Ill.
Audio-Visual Center, Indiana Univ.	Bloomington	Ind.
Audio-Visual Center, Purdue Univ.	La Fayette	Ind.
Visual Instruction Service, Iowa State College	Ames	Iowa
Bureau of Visual Instruction, Univ. of Kans.	Lawrence	Kans.
Extension Service, Kans. State College	Manhattan	Kans.
Bureau of Audio-Visual Aids, Univ. of Ky.	Lexington 29	Ky.
Extension Service, La. State Univ.	Baton Rouge 3	La.
Extension Service, Univ. of Maine	Orono	Maine
Extension Service, Univ. of Md.	College Park	Md.
Audio-Visual Center, Univ. of Mass.	Amherst	Mass.
Audio-Visual Education Center, Univ. of Mich.	Ann Arbor	Mich.
Audio-Visual Center, Mich. State College	East Lansing	Mich.
Institute of Agriculture, Univ. of Minn.	St. Paul 1	Minn.
Audio-Visual Education, State Dept. of Ed.	Jackson 113	Miss.
Extension Service, Miss. State College	State College	Miss.
Visual Education Dept., Univ. of Mo.	Columbia	Mo.
Extension Service, Montana State College	Bozeman	Mont.

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Montana State Film Library, Mitchell Bldg.	Helena	Mont.
Bureau of Visual Instr. Univ. of Nebr.	Lincoln 8	Nebr.
Extension Service, Univ. of Nev.	Reno	Nev.
Audio-Visual Center, Univ. of N. H.	Durham	N. H.
Audio-Visual Dept., Rutgers Univ.	New Brunswick	N. J.
New Jersey State Museum, State House Annex	Trenton 7	N. J.
Museum Film Service, Museum of New Mexico	Sante Fe	N.Mex.
Extension Service, N. M. A. & M College	State College	N.Mex.
Film Library, State Dept. of Com., 40 Howard St.	Albany 7	N. Y.
Extension Service, College of Agric., Cornell Univ.	Ithaca	N.Y.
Bureau of Visual Education, Univ. of N. C.	Chapel Hill	N. C.
Extension Service, N. C. State College	Raleigh	N. C.
Extension Service, N. Dak. Agric. College	Fargo	N. Dak.
Extension Service, College of Agr., Ohio State U.	Columbus 10	Ohio
Audio-Visual Education, State Dept. of Education	Columbus 15	Ohio
Film Section, Columbus Public Library	Columbus 15	Ohio
Audio-Visual Ed. Dept., Univ. of Okla.	Norman	Okla.
Extension Service, Okla. A. & M. College	Stillwater	Okla.
Dept. of Visual Instruction, Oreg. State College	Corvallis	Oreg.
PCW Audio-Visual Materials Center	Pittsburgh 32	Pa.
Agr. Extension Div., Pa. State Univ.	State College	Pa.
Extension Service, Univ. of Puerto Rico	Rio Piedras	P. R.
The Library, Univ. of Rhode Island	Kingston	R. I.
Extension Service, Clemson Agr. College	Clemson	S. C.
Audio-Visual Aids Bureau, Univ. of S. C.	Columbia 19	S. C.
Film Library, S. Dak. State College	College Sta.	S. Dak.
Extension Div., Univ. of S. Dak.	Vermillion	S. Dak.
Div. of Univ. Ext., Univ. of Tenn.	Knoxville 16	Tenn.
Visual Instruction Bureau, Univ. of Texas	Austin 12	Tex.
Extension Service, Texas A. & M. College	College Sta.	Tex.
Audio-Visual Div., State Agric. College	Logan	Utah
Vt. State Film Library, Univ. of Vt.	Burlington	Vt.
Extension Service, Va. Polytechnic Inst.	Blackburg 12	Va.
Bureau of Teaching Materials, State Board of Ed.	Richmond 16	Va.
Office of Visual Ed., Central Wash. College of Ed.	Ellensburg	Wash.
Audio-Visual Center, State College of Wash.	Pullman	Wash.
Audio-Visual Aids Dept., W. Va. Univ. Library	Morgantown	W. Va.
Bur. of Visual Instruction, Univ. of Wis.	Madison 6	Wis.
Wyoming Film Library, Univ. of Wyo.	Laramie	Wyo.

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